TOUCh PRO2

User Manual

htc
smart mobility

www.htc.com

Please Read Before Proceeding

THE BATTERY IS NOT CHARGED WHEN YOU TAKE IT OUT OF THE BOX.

DO NOT REMOVE THE BATTERY PACK WHEN THE DEVICE IS CHARGING.

YOUR WARRANTY IS INVALIDATED IF YOU DISASSEMBLE OR ATTEMPT TO DISASSEMBLE THE DEVICE.

PRIVACY RESTRICTIONS

Some countries require full disclosure of recorded telephone conversations, and stipulate that you must inform the person with whom you are speaking that the conversation is being recorded. Always obey the relevant laws and regulations of your country when using the recording feature of your PDA Phone.

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5,267,261	5,544,196	5,267,262	5,568,483	5,337,338	5,659,569
5,600,754	5,414,796	5,657,420	5,416,797		

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Location Based Services (LBS)

Your wireless device can determine its (and your) physical, geographical location ("Location Information"). Certain software applications are capable of accessing, collecting and using Location Information and disclosing the information to the application provider and other people. You should use caution and discretion when determining whether or not Location Information should be made available to them. To limit potential unauthorized access to your Location Information, Verizon Wireless devices are preset to "911 ONLY" which will only allow authorized emergency response personnel to locate you if you dial 9-1-1 from your wireless device.

By changing the setting on the device to "LOCATION ON" you are enabling third party access to Location Information through software, widgets or peripheral components you choose to download, add or attach to your wireless device. Verizon Wireless encourages you to check your wireless device periodically and only use software, widgets and peripheral components that are obtained from reliable sources. When you use your mobile browser or other services and applications, you authorize Verizon Wireless to collect, use and disclose your Location Information as appropriate to provide you with any location services that you enabled.

Verizon Wireless does not retain Location Information longer than necessary to provide the services to you. We will not knowingly disclose your Location Information to third parties without your consent. You should carefully review the privacy policies of application providers and third parties who you allow access to your Location Information, and you should know that significant risks can be associated with disclosing your Location Information to others.

Note For information on the Location Setting, see "CDMA Services" in Chapter 2.

Important Health Information and Safety Precautions

When using this product, the safety precautions below must be taken to avoid possible legal liabilities and damages.

Retain and follow all product safety and operating instructions. Observe all warnings in the operating instructions on the product.

To reduce the risk of bodily injury, electric shock, fire, and damage to the equipment, observe the following precautions.

ELECTRICAL SAFETY

This product is intended for use when supplied with power from the designated battery or power supply unit. Other usage may be dangerous and will invalidate any approval given to this product.

SAFETY PRECAUTIONS FOR PROPER GROUNDING INSTALLATION

CAUTION: Connecting to an improperly grounded equipment can result in an electric shock to your device.

This product equipped with a USB Cable for connecting with desktop or notebook computer. Be sure your computer is properly grounded (earthed) before connecting this product to the computer. The power supply cord of a desktop or notebook computer has an equipment-grounding conductor and a grounding plug. The plug must be plugged into an appropriate outlet which is properly installed and grounded in accordance with all local codes and ordinances.

SAFETY PRECAUTIONS FOR POWER SUPPLY UNIT

- **Use the correct external power source**

  A product should be operated only from the type of power source indicated on the electrical ratings label. If you are not sure of the type of power source required, consult your authorized service provider or local power company. For a product that operates from battery power or other sources, refer to the operating instructions that are included with the product.

- **Handle battery packs carefully**

  This product contains a Li-ion battery. There is a risk of fire and burns if the battery pack is handled improperly. Do not attempt to open or service the battery pack. Do not disassemble, crush, puncture, short external contacts or circuits, dispose of in fire or water, or expose a battery pack to temperatures higher than 60°C (140°F).

  WARNING: Danger of explosion if battery is incorrectly replaced. To reduce risk of fire or burns, do not disassemble, crush, puncture, short external contacts, expose to temperature above 60°C (140°F), or dispose of in fire or water. Replace only with specified batteries. Recycle or dispose of used batteries according to the local regulations or reference guide supplied with your product.

- **Take extra precautions**
  - Keep the battery or device dry and away from water or any liquid as it may cause a short circuit.
  - Keep metal objects away so they don't come in contact with the battery or its connectors as it may lead to short circuit during operation.
  - The phone should be only connected to products that bear the USB-IF logo or have completed the USB-IF compliance program.
  - Do not use a battery that appears damaged, deformed, or discolored, or the one that has any rust on its casing, overheats, or emits a foul odor.
  - Always keep the battery out of the reach of babies and small children, to avoid swallowing of the battery. Consult the doctor immediately if the battery is swallowed.
  - Only use the battery with a charging system that has been qualified with the system per this standard, IEEE-Std-1725-2006. Use of an unqualified battery or charger may present a risk of fire, explosion, leakage or other hazard.

- Replace the battery only with another battery that has been qualified with the system per this standard, IEEE-Std-1725-2006. Use of an unqualified battery may present a risk of fire, explosion, leakage or other hazard.
- Avoid dropping the phone or battery. If the phone or battery is dropped, especially on a hard surface, and the user suspects damage, take it to a service centre for inspection.
- If the battery leaks:
    - Do not allow the leaking fluid to come in contact with skin or clothing. If already in contact, flush the affected area immediately with clean water and seek medical advice.
    - Do not allow the leaking fluid to come in contact with eyes. If already in contact, DO NOT rub; rinse with clean water immediately and seek medical advice.
    - Take extra precautions to keep a leaking battery away from fire as there is a danger of ignition or explosion.

SAFETY PRECAUTIONS FOR DIRECT SUNLIGHT

Keep this product away from excessive moisture and extreme temperatures. Do not leave the product or its battery inside a vehicle or in places where the temperature may exceed 60˚C (140˚F), such as on a car dashboard, window sill, or behind a glass that is exposed to direct sunlight or strong ultraviolet light for extended periods of time. This may damage the product, overheat the battery, or pose a risk to the vehicle.

PREVENTION OF HEARING LOSS

CAUTION: Permanent hearing loss may occur if earphones or headphones are used at high volume for prolonged periods of time.

SAFETY IN AIRCRAFT

Due to the possible interference caused by this product to an aircraft's navigation system and its communications network, using this device's phone function on board an airplane is against the law in most countries. If you want to use this device when on board an aircraft, remember to turn off your phone by switching to Airplane Mode.

ENVIRONMENT RESTRICTIONS

Do not use this product in gas stations, fuel depots, chemical plants or where blasting operations are in progress, or in potentially explosive atmospheres such as fuelling areas, fuel storehouses, below deck on boats, chemical plants, fuel or chemical transfer or storage facilities, and areas where the air contains chemicals or particles, such as grain, dust, or metal powders. Please be aware that sparks in such areas could cause an explosion or fire resulting in bodily injury or even death.

EXPLOSIVE ATMOSPHERES

When in any area with a potentially explosive atmosphere or where flammable materials exist, the product should be turned off and the user should obey all signs and instructions. Sparks in such areas could cause an explosion or fire resulting in bodily injury or even death. Users are advised not to use the equipment at refueling points such as service or gas stations, and are reminded of the need to observe restrictions on the use of radio equipment in fuel depots, chemical plants, or where blasting operations are in progress. Areas with a potentially explosive atmosphere are often, but not always, clearly marked. These include fueling areas, below deck on boats, fuel or chemical transfer or storage facilities, and areas where the air contains chemicals or particles, such as grain, dust, or metal powders.

ROAD SAFETY

Vehicle drivers in motion are not permitted to use telephony services with handheld devices, except in the case of emergency. In some countries, using hands-free devices as an alternative is allowed.

SAFETY PRECAUTIONS FOR RF EXPOSURE

- Avoid using your phone near metal structures (for example, the steel frame of a building).
- Avoid using your phone near strong electromagnetic sources, such as microwave ovens, sound speakers, TV and radio.
- Use only original manufacturer-approved accessories, or accessories that do not contain any metal.
- Use of non-original manufacturer-approved accessories may violate your local RF exposure guidelines and should be avoided.

INTERFERENCE WITH MEDICAL EQUIPMENT FUNCTIONS

This product may cause medical equipment to malfunction. The use of this device is forbidden in most hospitals and medical clinics.

If you use any other personal medical device, consult the manufacturer of your device to determine if they are adequately shielded from external RF energy. Your physician may be able to assist you in obtaining this information.

Turn your phone OFF in health care facilities when any regulations posted in these areas instruct you to do so. Hospitals or health care facilities may be using equipment that could be sensitive to external RF energy.

HEARING AIDS

Some digital wireless phones may interfere with some hearing aids. In the event of such interference, you may want to consult your service provider, or call the customer service line to discuss alternatives.

NONIONIZING RADIATION

Your device has an internal antenna. This product should be operated in its normal-use position to ensure the radiative performance and safety of the interference. As with other mobile radio transmitting equipment, users are advised that for satisfactory operation of the equipment and for the safety of personnel, it is recommended that no part of the human body be allowed to come too close to the antenna during operation of the equipment.

Use only the supplied integral antenna. Use of unauthorized or modified antennas may impair call quality and damage the phone, causing loss of performance and SAR levels exceeding the recommended limits as well as result in non-compliance with local regulatory requirements in your country.

To assure optimal phone performance and ensure human exposure to RF energy is within the guidelines set forth in the relevant standards, always use your device only in its normal-use position. Contact with the antenna area may impair call quality and cause your device to operate at a higher power level than needed. Avoiding contact with the antenna area when the phone is IN USE optimizes the antenna performance and the battery life.

Antenna location
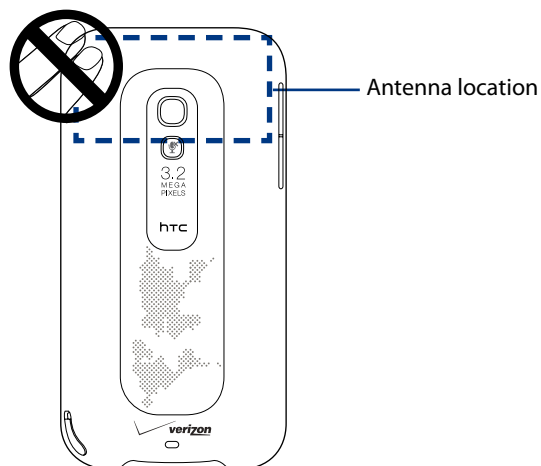
General Precautions

- **Avoid applying excessive pressure to the device**
  Do not apply excessive pressure on the screen and the device to prevent damaging them and remove the device from your pants' pocket before sitting down. It is also recommended that you store the device in a protective case and only use the device stylus or your finger when interacting with the touch screen. Cracked display screens due to improper handling are not covered by the warranty.

- **Device getting warm after prolonged use**
  When using your device for prolonged periods of time, such as when you're talking on the phone, charging the battery or browsing the web, the device may become warm. In most cases, this condition is normal and therefore should not be interpreted as a problem with the device.

- **Heed service markings**
  Except as explained elsewhere in the Operating or Service documentation, do not service any product yourself. Service needed on components inside the device should be done by an authorized service technician or provider.

- **Damage requiring service**
  Unplug the product from the electrical outlet and refer servicing to an authorized service technician or provider under the following conditions:

  - Liquid has been spilled or an object has fallen onto the product.
  - The product has been exposed to rain or water.
  - The product has been dropped or damaged.
  - There are noticeable signs of overheating.
  - The product does not operate normally when you follow the operating instructions.

- **Avoid hot areas**
  The product should be placed away from heat sources such as radiators, heat registers, stoves, or other products (including amplifiers) that produce heat.

- **Avoid wet areas**
  Never use the product in a wet location.

- **Avoid using your device after a dramatic change in temperature**
  When you move your device between environments with very different temperature and/or humidity ranges, condensation may form on or within the device. To avoid damaging the device, allow sufficient time for the moisture to evaporate before using the device.

  NOTICE: When taking the device from low-temperature conditions into a warmer environment or from high-temperature conditions into a cooler environment, allow the device to acclimate to room temperature before turning on power.

  Avoid pushing objects into product
  Never push objects of any kind into cabinet slots or other openings in the product. Slots and openings are provided for ventilation. These openings must not be blocked or covered.

- **Mounting accessories**
  Do not use the product on an unstable table, cart, stand, tripod, or bracket. Any mounting of the product should follow the manufacturer's instructions, and should use a mounting accessory recommended by the manufacturer.

- **Avoid unstable mounting**
  Do not place the product with an unstable base.

- **Use product with approved equipment**
  This product should be used only with personal computers and options identified as suitable for use with your equipment.

- **Adjust the volume**
  Turn down the volume before using headphones or other audio devices.

- **Cleaning**
  Unplug the product from the wall outlet before cleaning. Do not use liquid cleaners or aerosol cleaners. Use a damp cloth for cleaning, but NEVER use water to clean the LCD screen.

Contents

Chapter 1   Getting Started

1.1 **About Your HTC Touch Pro2** **15**
   Inside the box 15

1.2 **Getting to Know Your Touch Phone** **15**
   Top panel 15
   Bottom panel 15
   Front panel..16
   Hardware keyboard 16
   Left panel...17
   Right panel..17
   Back panel 17

1.3 **Installing the Battery and Storage Card** **18**
   Battery 18
   Storage card 19

1.4 **Charging the Battery**.. **19**

1.5 **Starting Up**... **19**
   Turning your device on and off 19
   Switching to Sleep mode..19
   Locking the device 20

1.6 **Home Screen**... **20**

1.7 **Notifications** **21**

1.8 **Status Icons**... **21**

1.9 **Start Screen**... **22**

1.10 **Quick Menu**... **23**

1.11 **Adjusting the Volume** **23**

1.12 **Using Finger Gestures**.. **24**
   Finger scrolling 24
   Finger panning 25

1.13 **Using the Zoom Bar**... **25**

1.14 **Connecting Your Device to a Computer**.. **26**

Chapter 2   Using Phone Features

2.1 **Seamless Switching of Networks** **27**

2.2 **Making Calls from the Phone Screen** **27**
   Making an emergency call..28
   Making an international call...28
   Assisted Dialing...28
   Calling voice mail..28

Chapter 6 Exchanging Messages

Chapter 7 Working With Company E-mail and Meeting Appointments

Chapter 8 Internet

Chapter 1
Getting Started

1.1 About Your HTC Touch Pro2

Have you ever traveled to another country or outside your network carrier service area only to find that you have to purchase or lease another cell phone? After all, when traveling, you still want to keep in touch with friends and family back home.

Your HTC Touch Pro2 Global Phone covers all the bases by incorporating a SIM slot into its CDMA architecture. Now when you travel outside the range of the Verizon CDMA coverage area or roam internationally, you can use the pre-installed GSM SIM card to access wireless services to make calls, send e-mail messages, browse the Internet and more using GSM network technology. Don't worry—you're connected!

Note   For more information on using the Gobal Phone service, visit http://b2b.vzw.com/international/Global_Phone/index.html..

Inside the box

The product package includes:

- HTC Touch Pro2 Smartphone
- Standard Lithium Ion Battery
- AC Charger
- Mini USB Sync / Charging Cable
- Read First Poster
- Quick Reference Guide
- TouchFLO 3D Guide

- Getting Started CD (includes User Guide)
- VZ Access Manager CD
- Spare Stylus
- SIM Card (pre-installed)
- Global Support Kit
- International Plug Adapters

1.2 Getting to Know Your Touch Phone

Top panel

SLEEP
- Press to turn off the display.
- Press again to turn the display back on.
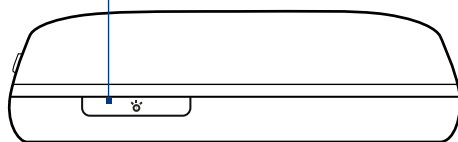
Bottom panel

3.5 mm Headset Jack

Connect a stereo headset with a 3.5 mm jack for hands-free conversation or for listening to audio media.

Microphone
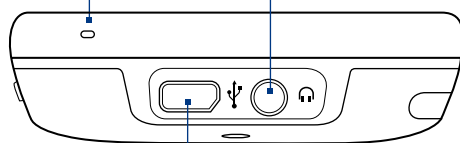
Sync Connector/Earphone Jack/TV Out
- Connect the supplied USB cable to synchronize information.
- Connect the power adapter to recharge the battery.
- Connect an HTC composite video and audio cable (purchased separately) to output the device screen contents and device audio to an external viewing device.

Front panel

Notification LED*
See description below.

Light Sensor
Senses the ambient light and
adjusts the screen backlight
accordingly.

Earpiece
Listen to a phone
call from here.

START
Press to open or close
the Start screen. See
"Start Screen" in this
chapter for details.

BACK
Press to return to the
previous screen.

TALK/SEND
• Press to answer an
  incoming call or dial a
  number.
• During a call, press
  and hold to turn the
  speakerphone on and off.
• Press and hold to access
  Voice Command. See
  "Voice Command" in
  Chapter 12 for details.
• While viewing a text or
  e-mail message, press
  to call the sender of the
  message.

END/POWER
• Press to end a call or return
  to the Home tab.
• Press and hold for about
  3 seconds to turn the
  power on and off. For more
  information, see "Starting Up"
  in this chapter.

Zoom Bar
See "Using the Zoom bar" later
in this chapter for details.

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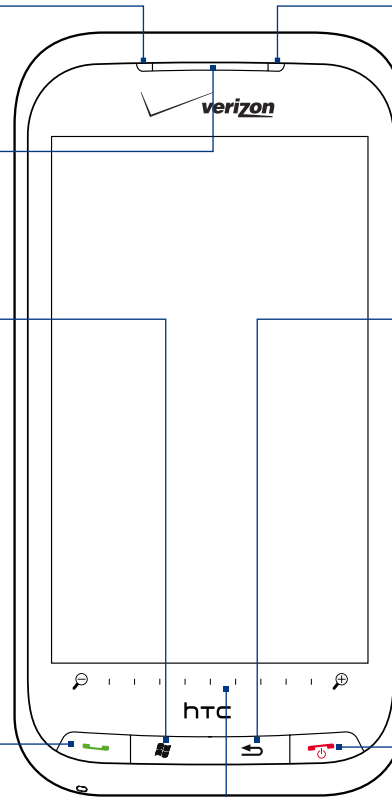
* The Notification LED shows a:
  • Flashing green light when there are new SMS, MMS, or e-mail messages, missed calls, or reminders.
  • Solid green light when the device is connected to the power adapter or a computer and the battery is fully charged.
  • Solid amber light when the battery is being charged.
  • Flashing amber light when the remaining battery level reaches below 10%.

Hardware keyboard

Touch Screen

QWERTY Keyboard
Slide open the touch
screen panel to reveal
the keyboard. See
Chapter 4 for details.
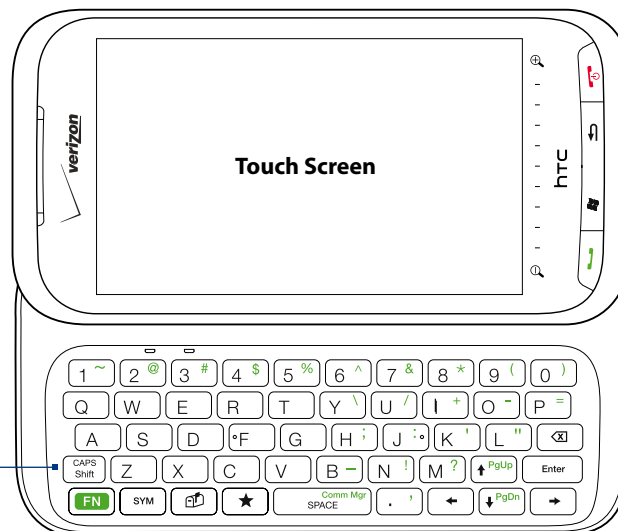
Left panel

VOLUME UP
During a call or when playing music, press this button to increase the volume.

VOLUME DOWN
During a call or when playing music, press this button to lower the volume.
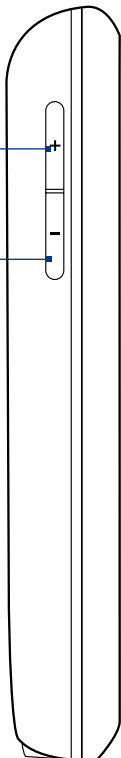
Right panel

Conference Mode Microphone
This microphone is enabled when making conference calls. For more information about making conference calls, see "Straight Talk™" in Chapter 2.

Stylus
Tap items, write, or draw on the touch screen.

Back panel

Dual Speaker
Use this noise-cancelling dual speaker for conference calls. For more information about making conference calls, see "Straight Talk™" in Chapter 2.

3.2 Megapixel Camera
See "Taking Photos and Videos" in Chapter 11 for details.

3.2
MEGA
PIXELS

hTC

MUTE
Press to mute or unmute the dual microphone.

verizon

Back Cover

Strap Holder
Attach a wrist strap, neck lanyard, or string accessory.
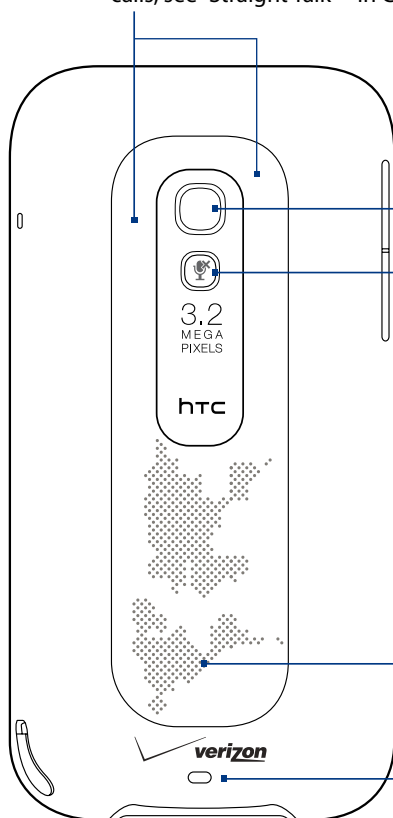
1.3 Installing the Battery and Storage Card

You need to remove the back cover before you can install the battery and storage card. Also, make sure to always turn off the power before installing or replacing the battery.

To remove the back cover

1. Make sure your device is turned off.
2. Remove the stylus.

   Note You need to temporarily remove the stylus to be able to remove or replace the back cover.

3. Firmly hold the device with both hands and the front panel facing down.
4. Push the back cover up with your thumb until it disengages from the device and then slide it up to remove.
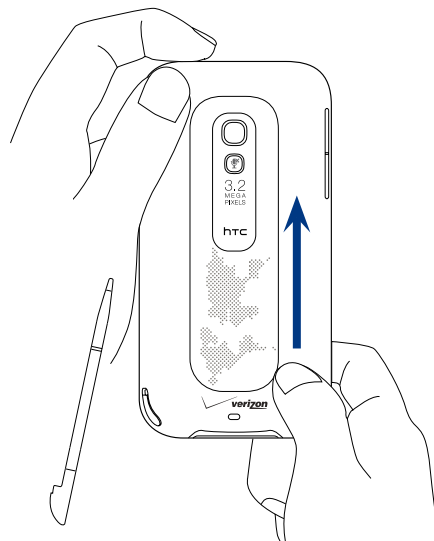
Battery

Your device comes with a rechargeable Lithium-ion battery and is designed to use only manufacturer-specified original batteries and accessories. Battery performance depends on many factors, including network configuration, signal strength, and usage patterns. For battery life estimates, see "Specifications" in the Appendix.

Warning! To reduce risk of fire or burns:

- Do not attempt to open, disassemble, or service the battery pack.
- Do not crush, puncture, short external contacts, or dispose of in fire or water.
- Do not expose to temperatures above 60°C (140°F).
- Replace only with the battery pack designated for this product.
- Recycle or dispose of used battery as stipulated by local regulations.

To install the battery

1. Align the battery's exposed copper contacts with the battery connectors at the bottom part of the battery compartment.
2. Insert the contacts side of the battery first and then gently push the battery into place.
3. Replace the back cover and insert the stylus back into the stylus compartment.
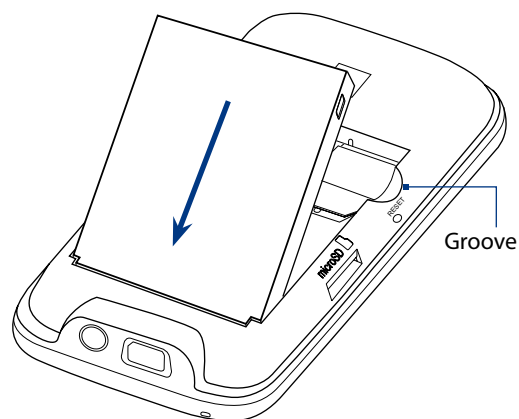
Groove

To remove the battery

Lift out the battery from the groove at the upper right side of the battery compartment.

Storage card

To have additional storage for your images, videos, music, and files, you can purchase a microSD™ card and install it into your device.

To install a microSD card

1. Remove the stylus and then remove the back cover.

2. Locate the microSD card slot on the upper part of the exposed right panel.

3. Insert the microSD card into the slot with its gold contacts facing down until it clicks into place.

Note To remove the microSD card, press it to eject it from the slot.

Storage
card slot
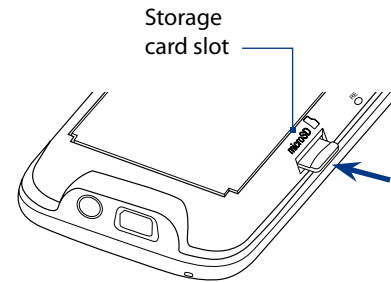
1.4 Charging the Battery

New batteries are shipped partially charged. Before you start using your device, it is recommended that you install and charge the battery. Some batteries perform best after several full charge/discharge cycles.

Note Only the AC adapter and USB sync cable provided with your device must be used to charge the device. Use of unauthorized AC adapters and USB sync cables can impact the performance of your device.

Connect the USB connector of the AC adapter to the sync connector on your device, and then plug in the AC adapter to an electrical outlet to start charging the battery.

Charging is indicated by a solid amber light on the Notification LED. As the battery is being charged while the device is on, a charging icon also appears in the title bar of the Home screen. After the battery has been fully charged, a full battery icon appears in the title bar of the Home screen.

Warning! • Do not remove the battery from the device while you are charging it using the AC or car adapter.

• As a safety precaution, the battery stops charging before it overheats.

1.5 Starting Up

After installing and charging the battery, you can now power on and start using your device.

Turning your device on and off

To turn on the device

1. Long press the END/POWER button for a couple of seconds.
2. When you turn on your phone for the first time, use the Setup Wizard and follow the instructions on the screen to activate your device, set up e-mail, Visual Voicemail, Weather, and more.

To turn off the device

1. Long press the END/POWER button for a couple of seconds.
2. Allow the device to turn off or tap **No** to cancel.

Switching to Sleep mode

Press the SLEEP button on the top of your device to put the device in **Sleep mode** and turn off the display. Sleep mode suspends your device to a low power state while the display is off in order to save battery power.

Your device automatically goes into Sleep mode when you leave the device idle after a certain period of time. You will still be able to receive messages and calls while your device is in Sleep mode.

Note You can set the timeout period for Sleep mode. For instructions, see "To automatically turn off the screen backlight when the device is not in use" in Chapter 13 .

Your device wakes up automatically when you receive an incoming call or a notification, such as a new text message or appointment reminder. To wake up your device manually, briefly press the SLEEP button.

Locking the device

You can lock the device to protect against accidental button or LCD display presses when the device is in your bag or pocket.

To lock the device buttons and LCD display

While on the Home screen, tap **Lock**. Once the device is locked, the left SOFT KEY label changes to **Unlock**.
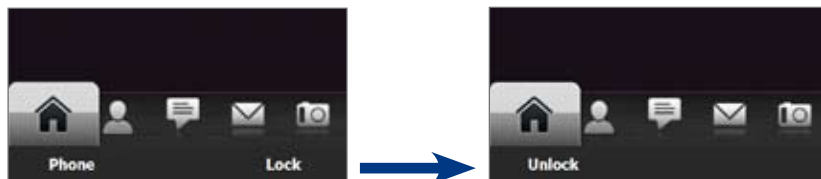
To unlock the device

Tap **Unlock** and then tap **Unlock** on the screen.
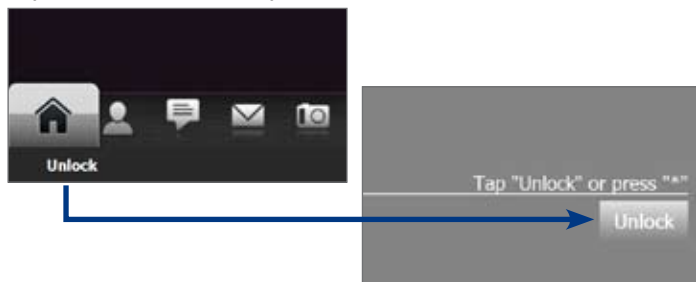
1.6 Home Screen

The main screen of the device is the TouchFLO™ 3D Home screen which allows finger-touch access to the most important functions such as contacts, text messages, e-mail, Internet, and more.

For more information about using the TouchFLO 3D Home screen, see Chapter 3.
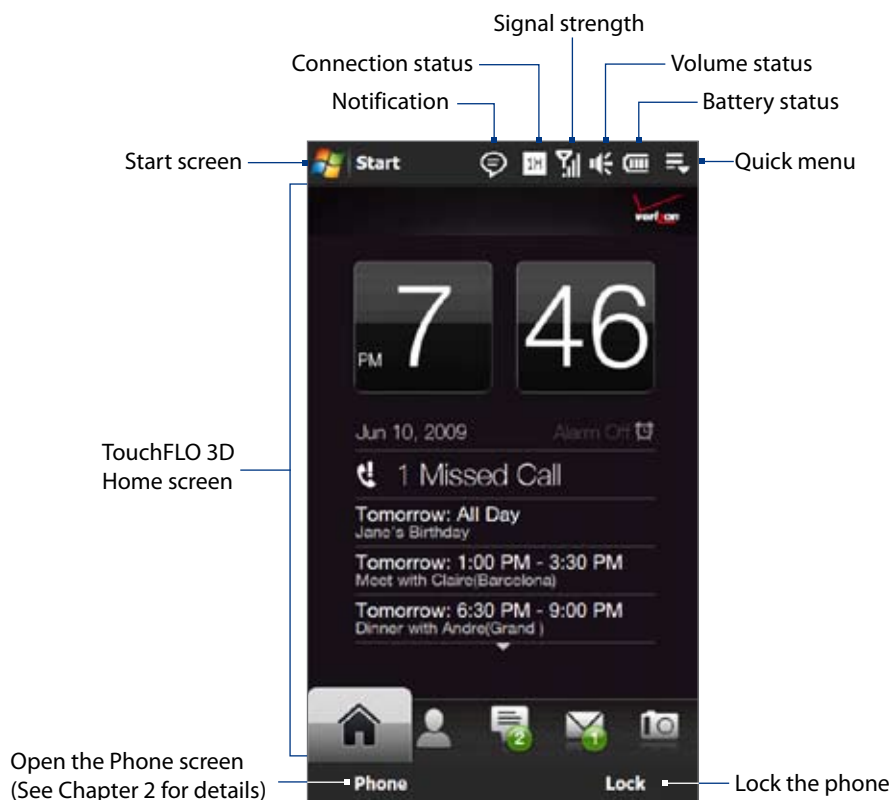
1.7 Notifications

When you touch or tap the icon area of the title bar, the Notifications screen opens to display your connection status and lists all your pending notifications including missed calls, new SMS/MMS messages, and more. Touch an item on the Notifications screen to open the related screen or TouchFLO 3D tab.

To close the Notifications screen, touch **Close** or press the BACK button.

Open the related screen or tab.

Dismiss all notifications.

Close the Notifications screen.
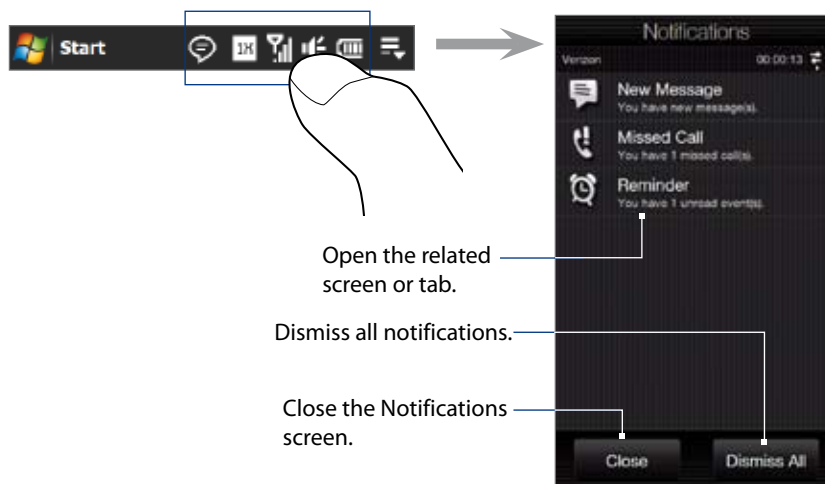
1.8 Status Icons

The following are some of the status icons that you may see on the device.

Icons that appear in this area	
(((▪)))	Vibrate mode
🔊	Sound on
🔇	Sound off

Icons that appear in this area	
🔌	Battery charging
🔋	Battery full
▭	Battery very low

Icons that appear in this area	
💬	Multiple notifications; tap the icon to view all
✉	New text messages; SMS notification of voice mail
📤	Sending MMS
📥	Receiving MMS
✉	MMS sent
✉	Cannot send MMS
✉	New incoming MMS
📞	Missed call
📞	Speakerphone on
▴	Roaming
🔔	Alarm
📶	Other wireless network(s) detected
🎧	Wired headset connected
🔵	Bluetooth on
🔵	Bluetooth visible mode on
🎧	Bluetooth stereo headset connected

Icons that appear in this area	
1X	1xRTT available
3G	EVDO available
📡	Connected to a wireless network
⇄	Connection is active
⇄	Connection is not active
⇄	Synchronization in progress

Icons that appear in this area	
📶	Data connection present
📶	Maximum signal strength
▽	No signal
📵	Phone is turned off
📶	No phone service
📶	Searching for phone service
📶	Voice call in progress
📞	Call on hold
📞	Calls are forwarded

1.9 Start Screen

The Start screen, which can be opened by touching **Start** on the top-left corner of the screen or by pressing the START (![icon]) button, gives you one-touch access to all the programs and settings of your Windows Mobile-powered device. You can also add the shortcut icons of your favorite programs in the Start screen so you can open them quickly.

Open the Start screen.

Open the TouchFLO 3D Home tab. See "Home" in Chapter 3 for details.

Open the TouchFLO 3D Settings tab and adjust device settings. See "Settings" in Chapter 3 for details.

Swipe upward the screen to view or add more program icons.

Access all programs on your device.

Open the TouchFLO 3D My Favorites tab.

Open the TouchFLO 3D Calendar tab.

Open the corresponding program.

Add a program icon.

Remove a program icon.

Note The **Home**, **My Favorites**, **Calendar**, and **Settings** icons are permanent icons and cannot be removed or replaced with other program icons.

To add a program icon to the Start screen

1. Touch an empty slot to open the Add Program screen that lists all programs on your device.
2. Touch the program you want to add to the Start screen.
3. When you have filled up the current Start screen with programs, scroll down the screen to access more empty slots and add more program icons. To scroll down, press and hold on the screen and then drag your finger upward.

   To scroll back up, press and hold on the screen and then drag your finger downward.

To remove or replace a program icon on the Start screen

1. On the Start screen, touch **Remove**.
2. Touch the program icon you want to remove or replace to clear the slot.
3. Touch **Done**.
4. If you are replacing the slot with another program icon, follow the steps in "To add a program icon to the Start screen".

To launch a program

Do any of the following on the Start screen:

- Touch the program icon; or
- Touch **All Applications**, and then touch the program in the list.

   Tip The programs list is long. If you do not see the desired program on the current screen, drag your finger upward to view more programs.

1.10 Quick Menu

The Quick Menu, which can be opened from the top right corner of the screen, shows the currently running programs. You can quickly switch between running programs, stop programs, and see how much program memory is being used.

Customize Task Manager settings. (See "Using Task Manager" in Chapter 13.)

Touch this icon to open or close the Quick Menu.

Stop all currently running programs.

Shows the total percentage of program memory in use. Touch to open the Memory settings screen.

• To switch to a running program, touch the program name.
• To stop a running program, touch ⊠.
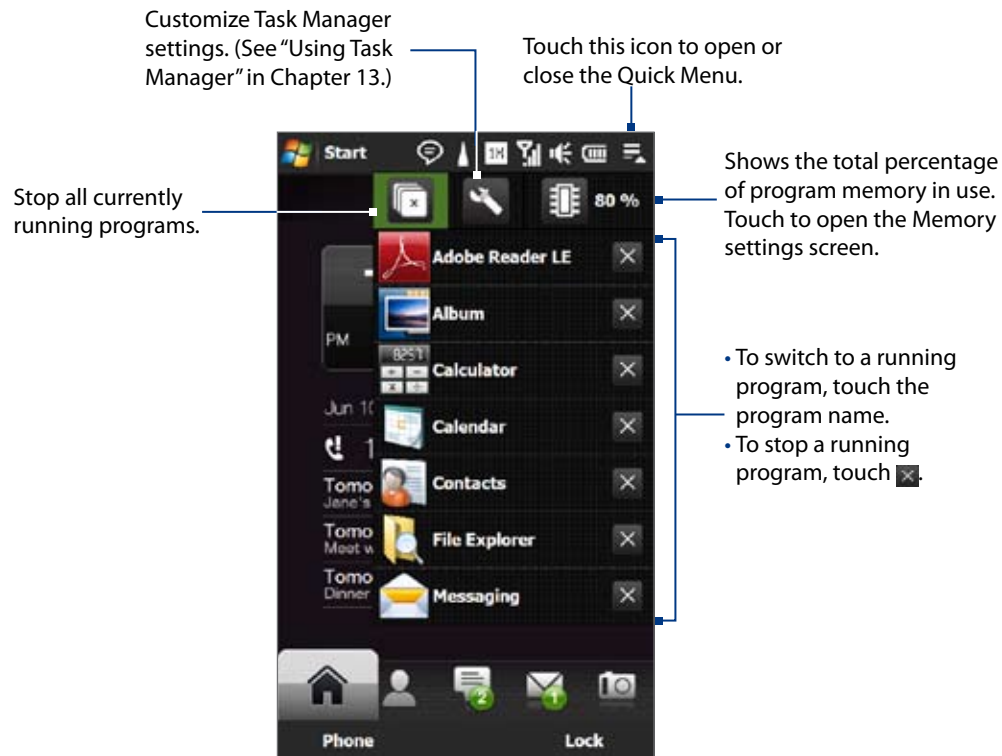
1.11 Adjusting the Volume

A single volume control adjusts both the system volume (notifications and audio/video playback volume) and the phone ring volume of your device.

To set a single volume

1. Press the VOLUME UP/DOWN button on the left panel of your device to open the Volume screen.

2. To increase or decrease the volume level, drag your finger up or down the volume bars, or press the VOLUME UP/DOWN button. You can also:

   • Touch **Silent** to mute the volume.

   • Touch **Vibrate** to switch the device to Vibrate mode.

3. The Volume screen automatically closes. You can also tap an empty area of the Volume screen to close it.

Note Use the VOLUME UP/DOWN button on the left panel of your device to adjust the conversation phone volume during an ongoing call.

Volume bars
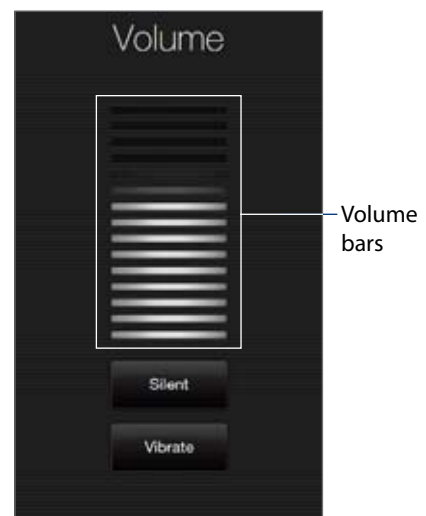
To adjust the system and ring volumes separately

1. On the Home screen, slide to the **Settings** tab, and then touch **Sound**.
2. Turn off the **Single Volume** option.
3. Press the VOLUME UP/DOWN button.
4. To switch between the Ring Volume and System Volume screens, touch **Ring** or **System** at the top of the screen.
5. To adjust the volume level, follow steps 2 to 3 in "To set a single volume".

1.12 Using Finger Gestures

You can use finger gestures to scroll and pan on the touch screen.

Finger scrolling

Finger scrolling can be used to scroll up and down web pages, documents, and lists such as the contacts list, file list, message list, calendar appointments list, and more.

When finger scrolling, swipe or flick your finger on the touch screen.
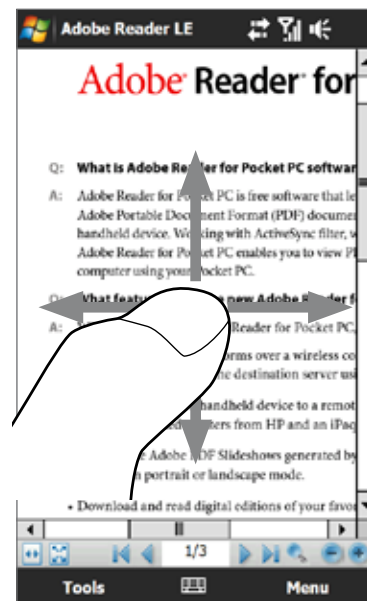
To scroll up and down

- To scroll down, swipe your finger upward on the touch screen.
  To scroll up, swipe your finger downward on the touch screen.
- To auto-scroll, flick your finger upward or downward on the touch screen. Touch the screen to stop scrolling.

To scroll left and right

- To scroll towards the right, swipe your finger to the left.
  To scroll towards the left, swipe your finger to the right.
- To auto-scroll, flick your finger left or right. Touch the screen to stop scrolling.

Finger panning

You can use finger panning to move to and view other parts of a zoomed photo, web page, document, or an e-mail. To pan, touch and hold on the touch screen and then drag your finger in any direction.
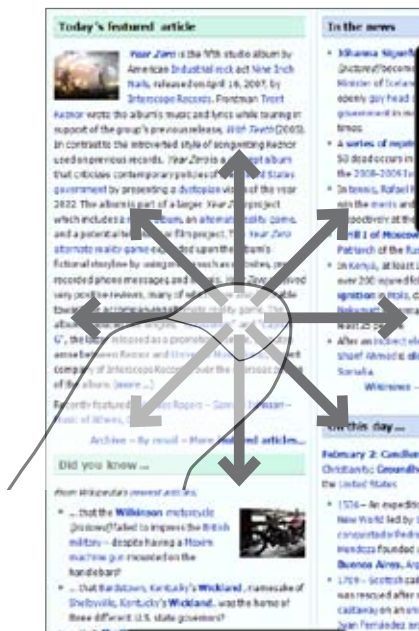
1.13 Using the Zoom Bar

The Zoom bar located below the touch screen is a handy zoom control that is unique on your device. When you are viewing a web page in Opera Mobile or a photo in Album, you can zoom in by sliding your finger from left to right across the Zoom bar, or zoom out by sliding from right to left.

What's more, you can also instantly enlarge or shrink the text size when you open and read messages or Word documents. Slide your finger from left to right across the Zoom bar to increase the text size, or slide from right to left to decrease. To increase or decrease the text size more, slide across the Zoom bar again.

Zoom bar
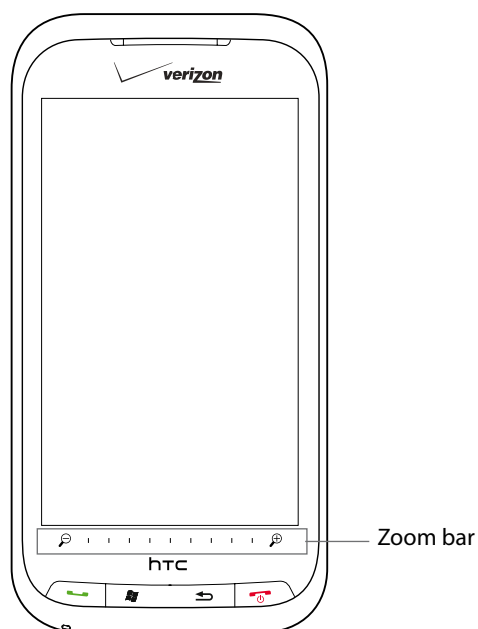
1.14 Connecting Your Device to a Computer

Whenever you connect your device to the computer with the USB cable, the Connect to PC screen displays and prompts you to choose the type of USB connection:

ActiveSync

Select this mode when you need to do the following:

- Synchronize Outlook e-mail messages, contacts, calendar appointments, files, and other data between your device and your computer.
- Have read and write access to the whole device.

For more information about using ActiveSync, see Chapter 5.

Disk Drive

This mode is available for selection only when you installed a microSD card on your device. Select this mode when you want to use your storage card as a USB thumb drive, and copy files between your device's storage card and your computer faster.

When Disk Drive mode is enabled while your device is connected to the computer:

- You will not be able to use your device to access files from the storage card or run applications that are installed on the storage card.
- Your computer will only connect to the device's storage card. When you access your device from the computer, you will only see the contents of the device's storage card.

Chapter 2
Using Phone Features

2.1 Seamless Switching of Networks

Your HTC Touch Pro2 Global Phone allows you to roam outside of your CDMA network by accommodating a GSM SIM card. Your device has a SIM card pre-installed and is set to Global mode by default. When the phone is in Global mode it will automatically search for the appropriate network for your location (CDMA or GSM) and connect to it.

If you need to set the device to connect to CDMA mode only, see "Setting the phone connection to CDMA-only mode" in this chapter. To set the device to connect to GSM mode only, see "To change to GSM-only mode."

2.2 Making Calls from the Phone Screen

To make a call, you can either dial a number or select a contact you want to call on the Phone screen.

To open the Phone screen, press the TALK/SEND button (▭▭).

The Phone's **Smart Dial** feature makes it quick and easy for you to place a call. When you start entering a phone number or contact name, Smart Dial automatically searches and sorts the contacts in Contacts, and the phone numbers in Call History (incoming, outgoing, and missed calls). You can then select the desired number or contact from the filtered list.

You can just enter the first letter of the name or number of a contact. Smart Dial searches for contact phone numbers and the first character of a contact name as well as from the character that appears after a space, dash, or underscore in a contact name.

To call a phone number or contact

1. Begin entering the first few numbers or characters by tapping the keys on the Phone keypad. As you enter numbers or letters, the Smart Dial panel displays matches found.

   If you tap a wrong number or character, tap ⬅ to erase each subsequent digit or character. To erase the entire entry, tap and hold ⬅ .

2. Tap 🗓 to close the phone keypad and to see if there are more matching numbers or contacts in the Smart Dial panel. To browse through the filtered list, flick through the list or slide your finger up or down the list slowly.

Smart Dial panel

Add the number to your contacts.

Open the contact details.
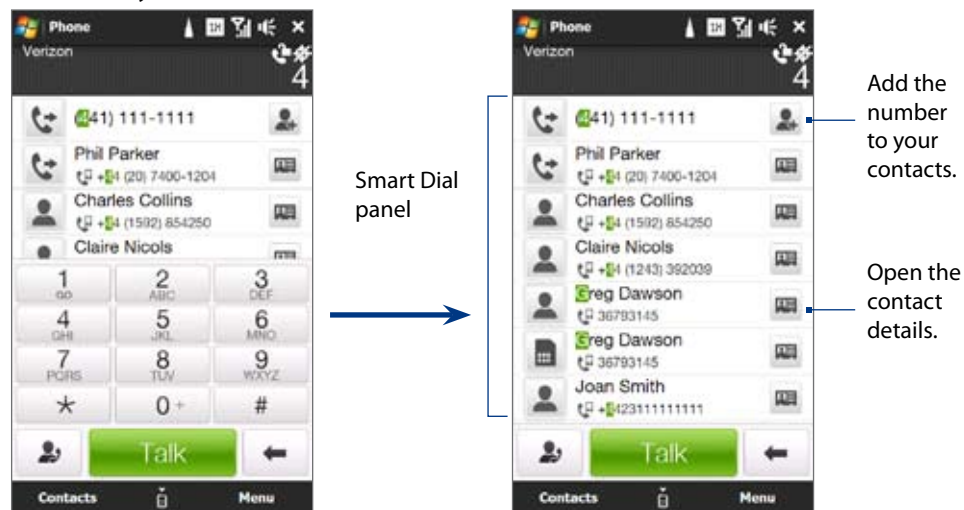
Tap to open or close the phone keypad.

3. To call a number or contact, do one of the following:

   • Tap the desired phone number or contact from the list.

   • To call a different phone number associated with the contact, touch the contact card icon ▨ at the right side of the contact name. On the contact details screen, tap the number you want to call.

Tips • During a call, use the VOLUME UP/DOWN button on the side of the device to adjust the phone volume.

   • To send a text message to a selected contact, touch ▨, and then tap **Send Message**. For more information about sending text messages, see "Text Messages" in Chapter 6.

Making an emergency call

Enter the international emergency number for your locale, and press the TALK/SEND button on your device.

Making an international call

1. Tap and hold the number 0 key on the Phone screen until the plus (+) sign appears. The plus (+) sign replaces the international prefix of the country that you are calling.

2. Enter the full phone number you want to dial, and press the TALK/SEND button on your device. The full phone number includes the country code, area code (without the leading zero, if any), and phone number.

Assisted Dialing

Assisted Dialing allows you to easily dial international calls while roaming in another country. When enabled, **Assisted Dialing On** appears in the Phone screen.

To turn Assisted Dialing on

1. On the Phone screen, tap **Menu > Assisted Dialing Settings** and select the **Enable Assisted Dialing** check box.

2. Under **Reference Country**, select the country that you want to call.

To edit a country's international call settings

1. On the Phone screen, tap **Menu > Assisted Dialing Settings**.

2. Under **Reference Country**, select the country whose settings you want to edit.

3. Tap **Menu > Edit**.

4. Scroll down to edit the Country Code, IDD Prefix (International Direct Dial), NDD Prefix (National Direct Dial), Area/City Code and National Number Length (length of phone number).

5. Tap **Save**.

To reset the Reference Country to the default

1. On the Phone screen, tap **Menu > Assisted Dialing Settings**.

2. Tap **Menu > Set Default**.

Calling voice mail

Number 1 is generally reserved for your voice mail. Tap and hold this button on the Phone screen keypad to call voice mail and retrieve your voice mail messages.

2.3 Answering and Ending Calls

When you receive a phone call, the Incoming Voice Call screen will appear, allowing you to either answer or ignore the call.

Accepting or rejecting an incoming voice call

To answer a call

Do either of the following:

- Fully slide the center button to the left of the **Answer/Ignore** bar.
- Press the TALK/SEND button.

To reject a call

Do either of the following:

- Fully slide the center button to the right of the **Answer/Ignore** bar.
- Press the END/POWER button.

Center button
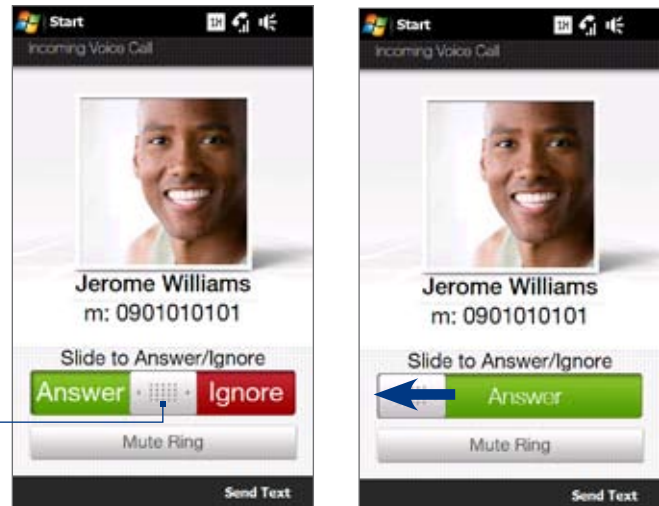
To mute the ringing sound

To mute the ring without rejecting the call, tap **Mute Ring** or press the VOLUME DOWN button. You can also put the device face down on a flat surface to mute the ringing sound.

To reject a call and send a text message

You can automatically send a default text message to the caller and reject the incoming voice call. Tap **Send Text** when you have an incoming call to send the text message. You can change the default text message by tapping **Menu > Options > Advanced** tab while on the Phone screen.

Using the call functions

When a call is in progress, use the call function buttons to put a call on hold, dial another contact for a three-way phone conference, enter notes about the conversation, and more.

Call functions

Contact details.
See "The Contact Details screen" in Chapter 3.

To accept new calls

Your device notifies you when you have another incoming call, and gives you the option of rejecting or accepting the call. If you are already on a call and accept the new call, you can choose to start a three-way call for all participants. See "Making three-way calls in CDMA mode" for details.

To use the speakerphone

During a call, do one of the following to turn the speakerphone on or off:

* Tap [icon] to turn the speakerphone on. Tap this button again to turn the speakerphone off.
* Placing your device face down automatically turns on the speakerphone. To turn the speakerphone off, place your device face up.
* You can also press and hold the TALK/SEND button during a call to turn the speakerphone on or off.

Note   The speakerphone icon ([icon]) appears in the title bar when the speakerphone is on.

Warning!   To avoid damage to your hearing, do not hold the device against your ear when the speakerphone is on.

To mute the microphone during a call

Tap [icon] to turn the microphone on or off.

To turn noise reduction on or off

When you are using the earpiece and not the speakerphone during a call, you can tap **Menu > Noise Reduction On** to reduce ambient noise if the other party cannot hear your voice clearly. When noise reduction is not needed, tap **Menu > Noise Reduction Off** to disable it and save battery power.

You can also turn noise reduction on or off in the Phone settings. Tap **Start > Settings > All Settings > Personal** tab **> Phone > Advanced** tab and then select one of the following settings in the **Reduce noise in phone calls** drop-down list:

* **Automatically**. Analyzes ambient noise only at the beginning of a connected call and applies a certain noise reduction setting based on the detected noise. However, when you move to a noisier environment during the call, your device will not further decrease noise based on your new location.
* **Always**. Always reduces ambient noise during the entire course of your phone call.
* **Never**. Turns off noise reduction.

Notes • If you want to change the noise reduction setting to **Automatically**, make sure to do this before starting a call.
  • Noise reduction is not used when you have a wired or Bluetooth headset connected.

To open Notes while in a call

Tap [icon] , or pull out the stylus.

To view or create appointments during a call

Tap [icon] to open the Calendar and browse your appointments or create a new one. Close the Calendar screen to return to the Phone screen.

To end a call

When a call is in progress, tap **End Call** or press END/POWER.

2.4 Using Call History

The missed call icon 📵 icon appears in the title bar when you missed a call. Use the Call History tab to check who the caller was, or view all your dialed numbers, and received calls. To open the Call History tab, tap **Call History** or **Missed Call** on the TouchFLO 3D Home tab.

Open the Call History tab of the Contact Details screen and view all calls you exchanged with the contact.

Received call

Dialed number

Missed call

Return to the Home tab.

Filter or clear the Call History tab.
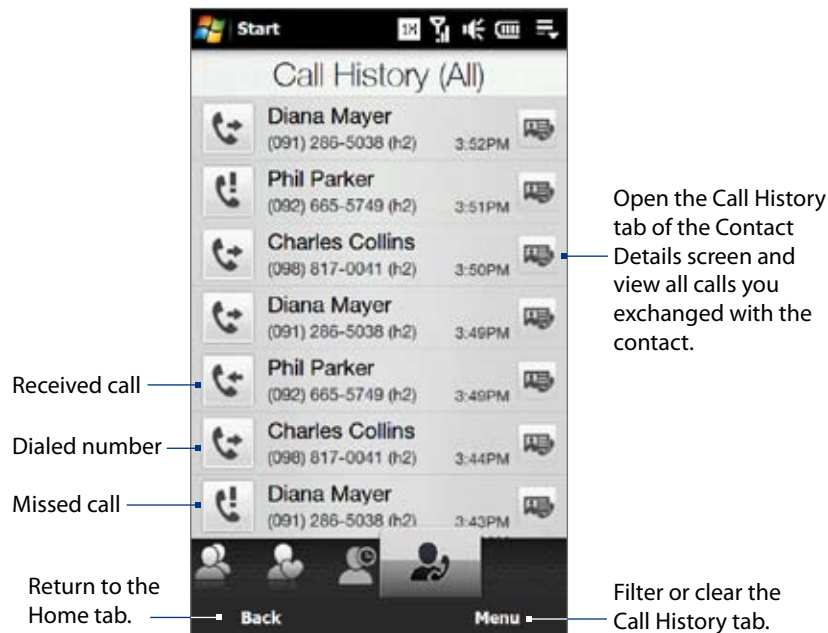
If you have a long list of calls in the Call History tab, tap **Menu > Filter**, and then select the type of call you want to display.

2.5 Speed Dial

Use **Speed Dial** to call frequently-used numbers with a single tap. For example, if you assign a contact to the location **2** in Speed Dial, you can tap and hold the **number 2** key on the Phone screen keypad to dial the contact's number.

To create a Speed Dial entry

1. On the Phone screen, tap **Menu > Speed Dial**.
2. Tap **Menu > New.**
3. Tap a contact, and then select the phone number of the contact that you want to the speed dial key.
4. In **Location**, select an available key to use as the speed dial key, then tap **OK**.

Tip   To delete a Speed Dial entry, in the **Speed Dial** list, tap and hold the desired entry, and then tap **Delete**.

Notes • Number "0" and "1" keys are reserved and cannot be assigned as speed dial keys. The number "1" key is reserved for voicemail. You can set any number between "2" and "99" as a speed dial key.

   • If you assign a speed dial key that is already occupied, the new entry will replace the existing entry

To make a call using Speed Dial

If you have assigned a speed dial key to a contact, do the following to dial the contact's number:

• Tap and hold the assigned key, if it is a single-digit speed dial number.
• To dial a two-digit speed dial number, tap the first number key first, and then tap and hold the second number key.

2.6 Straight Talk™

Your device features Straight Talk™, a technology that integrates messaging, voice, and three-way calling. With a dual microphone and speaker that enhance voice quality and reduce noise, Straight Talk turns your device into a conference room speakerphone system.

Note   For more information about three-way calling in CDMA mode, see "Making three-way calls in CDMA mode" later in this chapter.

Making a call from a text message

While you are viewing a text message on the TouchFLO 3D Messages tab or in the Inbox, you can directly call the sender of the message.

1. While viewing the text message, press the TALK/SEND button.
2. The Phone screen then opens, with the sender's phone number automatically filled in and ready to be dialed. To place the call, tap **Talk** on the Phone screen or press TALK/SEND again.

Tapping a phone number that is displayed in the body of the text message also allows you to call that number.

For more information about viewing text messages on the TouchFLO 3D Messages tab, see "Messaging" in Chapter 3. For more information about working with text messages, see "Text Messages" in Chapter 6.

Making a call from an e-mail message

While viewing a received e-mail message, you can directly place a call to the sender of the message. Tapping a phone number that is displayed in the body of the e-mail message also allows you to call that number.

Note   To receive e-mail, set up your e-mail account first on your device. See "Email" in Chapter 3 for instructions.

From the TouchFLO 3D Email tab or Inbox

When you are browsing e-mail messages on the TouchFLO 3D Email tab or in the Inbox, you can select a received e-mail and then directly call the sender by pressing the TALK/SEND button. To call the sender, follow the same steps in "Making a call from a text message".

For more information about browsing through e-mail on the TouchFLO 3D Email tab, see "Email" in Chapter 3. For more information about working with e-mail messages, see Chapters 6 and 7.

From an open e-mail

When you open a received e-mail, you can directly place a call to the sender.

1. On the TouchFLO 3D Home screen, slide to the Email tab.
2. Swipe your finger up or down the screen to browse through received messages. Tap an e-mail message to open it.
3. To place a call, you can do the following:
   - If the sender is a contact that is stored with a phone number on your device, tap **Talk** (📞) that is displayed to the right of the sender name to directly dial the sender's phone number.
   - To call the phone number that is contained in the e-mail message, tap that phone number.
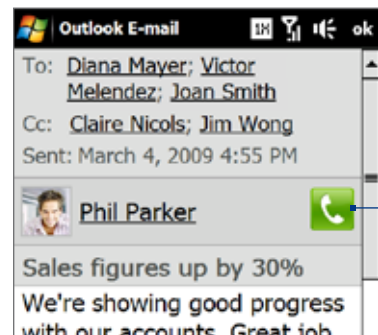
Talk button

4. If you made a call to the sender or the phone number contained in the e-mail message, you can directly view the e-mail message on the Phone screen while the call is in progress.

When the call is made from an e-mail message, an e-mail indicator is shown on the **Keypad** button. Tap this button to view the message directly on the Phone screen.
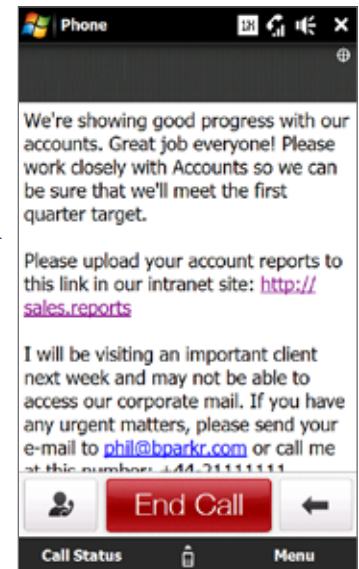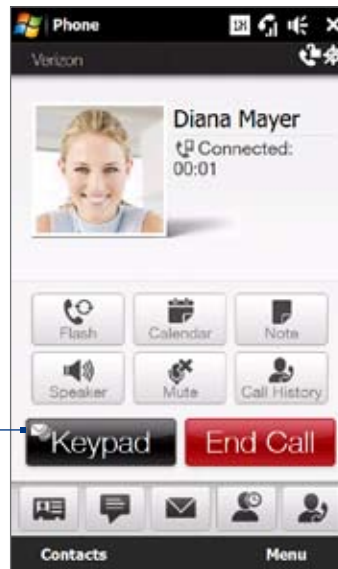
Making a call from a meeting request or reminder

When you receive a calendar reminder or meeting request e-mail that contains a phone number, you can tap the number to directly place the call.

For example, if you are traveling and need to join a conference bridge call back in the home office, rest assured that you can join the call without delay. Appointment reminders you receive on your device will conveniently display the phone number and PIN, ready for you to dial.
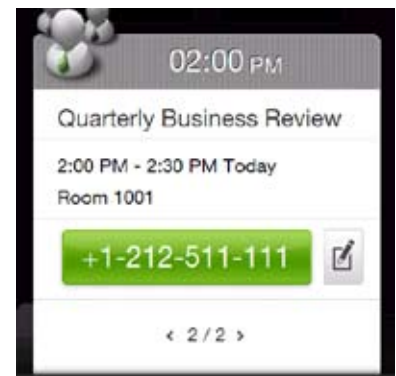
If you made a call from a meeting request e-mail, you can view the meeting details in the e-mail directly on the Phone screen while the call is in progress. An e-mail indicator is shown on the **Keypad** button (Keypad). Tap this button to view the meeting details.

2.7 Making Three-way Calls in CDMA Mode

To set up a three-way call, directly dial the participants and add each connected call to the three-way call.

Starting a three-way call

1. Press the TALK/SEND button to open the Phone screen.
2. Make the call to the first participant. See "Making a call from the Phone screen" for instructions.
3. When the first call is connected, make a call to the second participant. The first call is put on hold when you dial the second call.
4. When the second call is connected, tap **Flash** to start the three-way call. The screen displays **Call in progress**.

Caller 1

Caller 2

Tap **Flash** to start the three-way call.
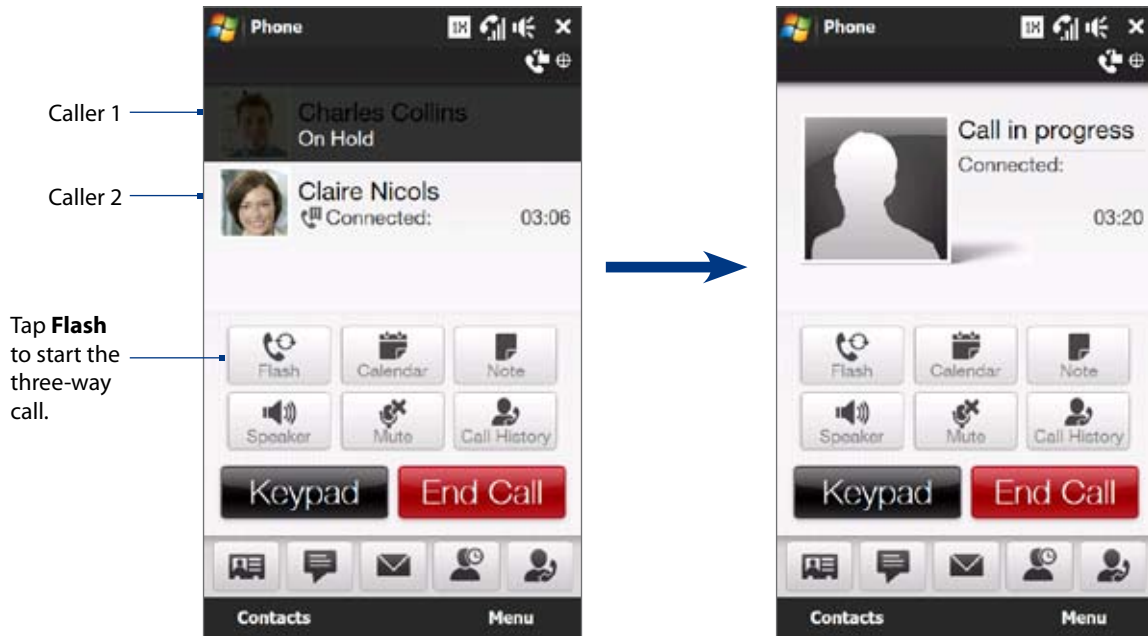
When a three-way call is in progress, you can open the keyboard view the call in landscape view. You can also tap **Flash** to cycle between the three-way call, Caller 1 only, and Caller 2 only.

Turning on the speakerphone during a call

While a call or three-way call is in progress, you can turn on the speakerphone by simply placing your device face down.

Your device provides crystal-clear sound quality and voice reception during three-way calls. When the speakerphone is on, your device also enables the dual microphone to enhance your voice quality and reduce noise.

When you need to temporarily mute the dual microphone so that the three-way call participants will not hear you, press the MUTE button. Press it again to unmute.

MUTE

Dual speaker

Dual microphone
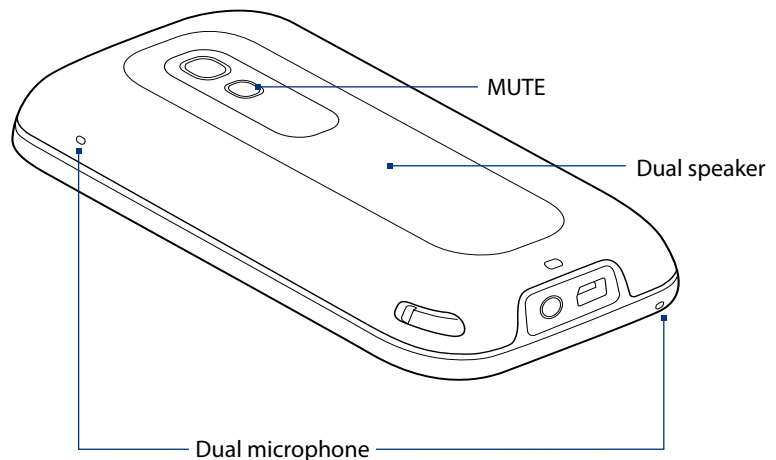
Ending the three-way call

Tap **End Call** or press END/POWER.

2.8 CDMA Phone Settings

Setting the phone connection to CDMA-only mode

When the phone is in CDMA-only mode, it can only access the Verizon network if available, or access other CDMA roaming networks when outside the Verizon network coverage area. You may want to set the device to CDMA-only mode when you want to access CDMA services or to prevent the device from accessing GSM networks and accruing data charges.

To change to CDMA-only mode

1. Tap **Start > Settings > All Settings**.
2. On the **Personal** tab, tap **Phone > Network** tab.
3. Under **Mode of operation** select **CDMA only** from the drop-down menu.

CDMA Services

Your device can directly link to the Verizon CDMA network, and enable you to access and change the settings of various phone services for your device when it is in CDMA mode. Contact Verizon to find out about the availability of phone services for your device.

To access CDMA services and change their settings

1. On the Home screen, slide to the **Settings** tab and then tap **All Settings**.
2. On the **Personal** tab, tap **Phone > CDMA Services** tab.
3. Select the service you want to use, then tap **Get Settings**.
4. Choose your desired options, then tap **OK**.

The following are some of the optional phone services that you may find on your device. For more information about customizing settings of phone services, see Help on your device.

Phone Services	Usage
Location Setting	Allow the mobile phone network to detect your current location via your device's built-in GPS chip. This is especially useful in times of emergency.
Current Country	Set the calling parameters for the current country (such as country code, IDD prefix, and so on).
TTY Mode	Allow the use of a TTY (teletypewriter) device with the device for users who are visually or hearing impaired.
Voice Privacy	Encrypts outgoing voice calls and uses secure channels when available.
Network Service	Choose whether to restrict your device to phone calls from your home network only.
Time Synchronization	Choose whether or not to synchronize the time on your device with the mobile network.
Emergency Call Alert	Enable the phone to alert you when an emergency call connects.

2.9 Using the HTC Touch Pro2 as a GSM Phone

Your wireless phone is set to Global mode by default enabling you to roam internationally on GSM networks. You can manually change the device to **GSM only** or **CDMA only** mode. See "GSM settings" and "CDMA Phone Settings" in this chapter for details.

GSM international roaming

Your HTC Touch Pro2 can operate in a number of countries on both CDMA (Code Division Multiple Access) and GSM (Global Systems for Mobile) networks. Use your phone in GSM only or Global mode while in countries serviced by GSM networks. You may want to use GSM only mode when you want to prevent the device from using CDMA roaming networks and to access GSM/UMTS services. See "GSM Settings" for more information on GSM/UMTS services. If you want to enable the device to select the network that is most accessible for your locale, select **Global**.

Using the Verizon GSM SIM card

Your wireless device comes with a SIM card preinstalled which along with a Global Feature on your account, enables you to make calls and access e-mail in GSM Networks while traveling overseas. Should your SIM card be lost or damaged, please follow these instructions for the installation of your new SIM.

To remove the SIM card

1. Remove the back cover.
2. Remove the battery if it is installed.
3. Insert the tip of the stylus into the small hole above the SIM card slot, and then push the SIM card out with the stylus.
4. Slide the SIM card out from the slot with your thumb or finger.
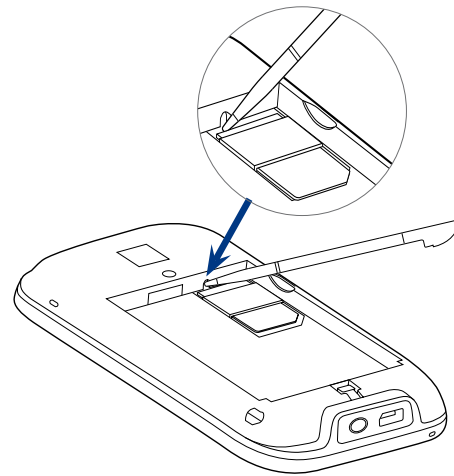
To install the SIM card

1. Remove the back cover. See Chapter 1 for details.
2. Remove the battery if it is installed. See Chapter 1 for details.
3. Locate the SIM card slot, then insert the SIM card with its gold contacts facing down and its cut-off corner facing out the card slot.
4. Slide the SIM card completely into the slot.

Cut-off corner
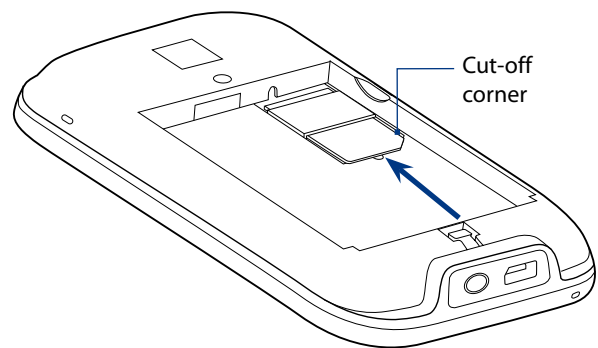
Tip   Any contacts on the SIM card are automatically added to Contacts.

Adding contacts

Your phone lets you create device contacts or SIM contacts if you have a SIM card installed. You can add SIM contacts via the Contacts screen, or by using SIM Manager. The following explains how to add contacts in the Contacts screen. See "Using SIM Manager" for information on adding SIM contacts in SIM Manager.

To add a contact to your SIM card

1. Tap **Start > All Applications > Contacts**.
2. On the Contacts screen, tap **New**, then select **SIM Contact**.
3. Enter a contact name and phone number, and then tap **OK**.

Note See Chapters 3 and 12 for more information on adding contacts to your phone.

Using SIM Manager

SIM Manager allows you to view the contents of your SIM card, transfer contacts from your SIM card to your device or vice versa, and make a call to a SIM contact.

To create a contact on your SIM card

1. Tap **Start > All Applications > SIM Manager**.
2. Tap **New** and enter the contact name and phone number.
3. Tap **Save**.

Tip To change contact information on your SIM card, tap a SIM contact, edit the information, and then tap **Save**.

To copy SIM contacts to your device

If you have saved contacts on your SIM card, you can copy them into Contacts on your device.

1. On the SIM Manager screen, select the desired contact, or select all SIM contacts by tapping **Menu > Select All**.
2. Tap **Menu > Save to Contacts**.

To copy contacts to the SIM card

Only one phone number per contact name can be stored on a SIM card.

1. On the SIM Manager screen, tap **Menu > Contacts to SIM**.
2. Select the check boxes of the contact's phone numbers that you want to copy to your SIM card, then tap **Save**.

When you copy a contact that has several phone numbers to your SIM card, SIM Manager separately saves each number by appending an indicator at the end of each name.

By default, /M, /W, and /H are appended to indicate mobile, work, and home phone numbers respectively. To edit the default indicators and to select which other types of numbers to save to the SIM card, tap **Menu > Tools > Options**.

Copying text messages to the SIM card

1. In the SMS / MMS Inbox, tap a message thread to open it.
2. Tap the up or down navigation key at the bottom of the on-screen keyboard to select a message in the thread.
3. Tap **Menu > Copy to SIM**.

Notes • You cannot copy a sent message from the thread to the SIM card.

• Copying text messages from your device to the SIM card results in duplicate messages in the Inbox when your SIM card is in use.

Making and answering calls

Making and answering calls in GSM mode is basically the same as making and answering calls in CDMA mode. See "Answering and Ending Calls" in this chapter for details.

To make an emergency call

Enter the international emergency number for your locale, and press the TALK/SEND button on your device.

Tip   Additional emergency numbers may be included in your SIM card. Contact Verizon for details.

To swap between two calls

Your device notifies you when you have another incoming call, and gives you the option of rejecting or accepting the call. If you are already on a call and accept the new call, you can choose to switch between the two callers.

1. Press the TALK/SEND button to accept the second call and put the first call on hold.
2. To switch between callers, tap **Menu > Swap** or tap the dim area that shows "On Hold".

Tap the on hold call to switch between calls.
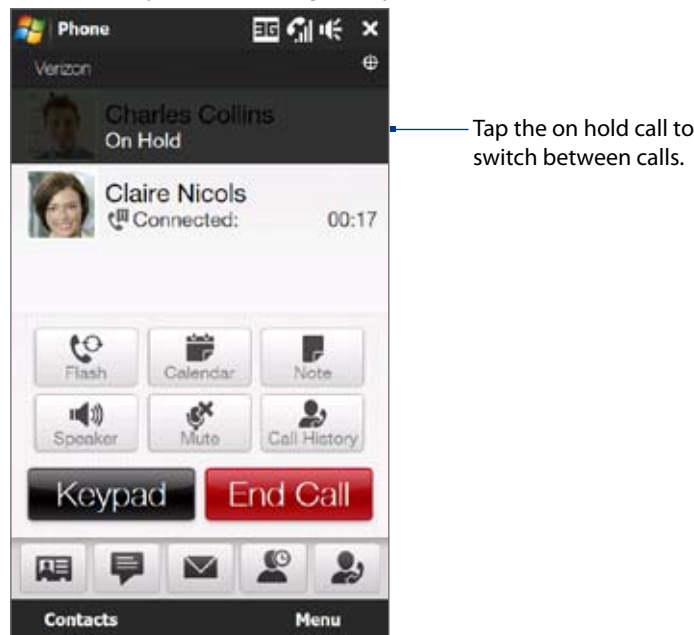
3. To end the second call and return to the first call, tap **End Call** or press END/POWER on your device.

Note   Make sure your SIM card is enabled with three-way calling service. Contact Verizon for details.

Making three-way calls in GSM mode

To set up a three-way call, directly dial the participants and add each connected call to the three-way call.

To start a three-way call

1. Press the TALK/SEND button to open the Phone screen.
2. Make the call to the first participant. See "Making a call from the Phone screen" for instructions.
3. When the first call is connected, make a call to the second participant. The first call is put on hold when you dial the second call.
4. When the second call is connected, tap **Flash**, press TALK/SEND, or tap **Menu > Conference** to start the three-way call. The screen displays **Conference**.

Tap **Flash** to start the three-way call.

To manage three-way calls

While a three-way call is in progress, you can open the keyboard view the call in landscape view. You can also do the following:

- Tap **Flash** to put the three-way call on hold and make another call.
- Receive another call.
- Tap **Menu > Private**, select one of the participants, and tap **Private** to split the three-way call into separate calls again. The second participant is put on hold.
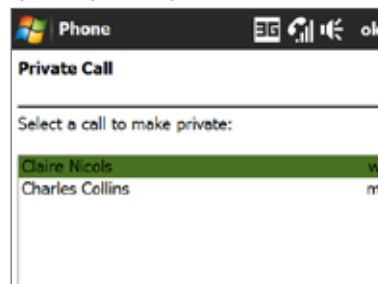
To turn on the speakerphone during a three-way call

See "Turning the speakerphone on during a three-way call" in this chapter for details.

To end the three-way call

Tap **End Call** or press END/POWER.

GSM settings

To protect your SIM card with a PIN code

The preinstalled Verizon SIM card may be preset with a PIN. You will be required to enter the PIN when turning on the phone. When prompted, enter the preset PIN, then tap **Enter**. If you enter the wrong PIN three times, the SIM card is blocked. If this happens, you can unblock it with the PUK (PIN Unblocking Key) obtained from Verizon.

If you do not want to enter the PIN to turn on the phone, you can disable it.

1. Tap **Start > Settings > All Settings**.
2. On the Personal tab, tap **Phone > GSM/UMTS Services** tab.

   Note You must be in GSM mode to access GSM/UMTS services.
3. On the GSM/UMTS Services tab, tap **PIN/PIN2** and then tap **Get Settings**.
4. Clear the **Require PIN when phone is used** check box.

Tips • To change the PIN, tap **Change PIN** on the Phone: PIN/PIN2 screen.
 • Emergency calls can be placed at any time, without requiring a PIN.

To set the phone connection to GSM-only mode

You can set the phone connection to GSM-only mode to prevent the phone from accessing CDMA networks.

1. Tap **Start > Settings > All Settings**.
2. On the **Personal** tab, tap **Phone > Network** tab.
3. Under **Mode of operation** select **GSM only** from the drop-down menu.

To access GSM services and change their settings

Your device can directly link to the Verizon network, and enable you to access and change the settings of various phone services for your device when it is in GSM mode. Contact Verizon to find out about the availability of phone services for your device.

1. On the Home screen, slide to the **Settings** tab and then tap **All Settings**.
2. On the **Personal** tab, tap **Phone > GSM/UMTS Services** tab.

   Note You must be in GSM mode to access GSM/UMTS services.
3. Select the service you want to use, then tap **Get Settings**.
4. Choose your desired options, then tap **OK**.

The following are some of the optional phone services that you may find on your device. For more information about customizing settings of phone services, see Help on your device.

Phone Services	Usage
Call Barring	Allows you to block incoming or outgoing calls.
Caller ID	Allows you to set caller ID options.
Call Waiting	Enable and disable call waiting.
Band	Allows you to set your network type and GSM/UMTS band.
Voice Mail and Text Messages	Has your text messages service center and voice mail numbers.
PIN/PIN2	Sets the PIN number to be required when the phone is being used, and enables you to change the SIM card's PIN2 code.
Location Setting	Allow the mobile phone network to detect your current location via your device's built-in GPS chip. This is especially useful in times of emergency.
TTY Mode	Allow the use of a TTY (teletypewriter) device with the device for users who are visually or hearing impaired.
Time Synchronization	Choose whether or not to synchronize the time on your device with the mobile network.

2.10 Turning the Phone Function On and Off

In many countries, you are required by law to turn off the phone while on board an aircraft.

To enable or disable the phone function

1. Tap **Start > Settings**, and then tap **Communications**.
2. Tap the OFF/ON slider at the right side of the **Phone** option to enable or disable the phone function.

To enable or disable Airplane Mode

Another way to turn off the phone function is to switch your device to **Airplane Mode**. When you enable Airplane Mode, all wireless radios on your device are turned off, including the phone function, Bluetooth, and Wi-Fi.

1. Tap **Start > Settings**, and then tap **Communications**
2. Tap **Airplane Mode** to enable or disable Airplane Mode.

When you disable Airplane Mode, the phone function is turned back on and the previous state of Bluetooth and Wi-Fi are restored.

Chapter 3
TouchFLO™ 3D

3.1 Using the TouchFLO 3D Home Screen

TouchFLO™ 3D gives you touch control over your Windows Mobile-powered device. TouchFLO 3D provides a Home screen that allows finger-touch access to the most widely-used functions, such as My Favorites, Messaging, Email, Music, and the Internet Browser.

The TouchFLO 3D Home screen has the following tabs:

Home · My Favorites · Messaging · Email · Photos and Videos · Calendar · Browser · Weather · Stocks · Music · Settings
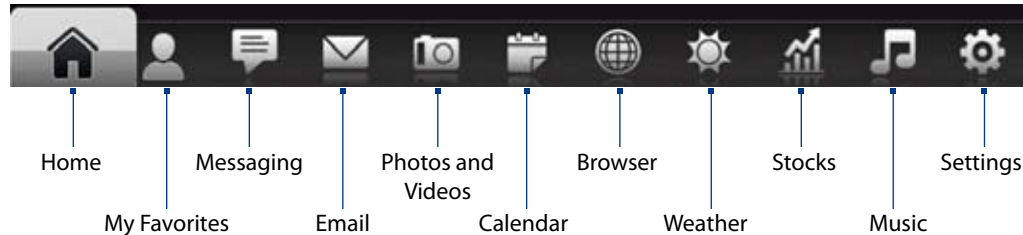
Displaying the TouchFLO 3D Home screen in landscape view

The TouchFLO 3D Home screen tabs are always shown at the bottom of the screen when the Home screen is in portrait view. When you slide out the hardware keyboard, the Home screen automatically changes to landscape view and temporarily hides the tabs. Touch the **Expand** button ( ) at the bottom left side of the Home screen to display the tabs.

Expand button
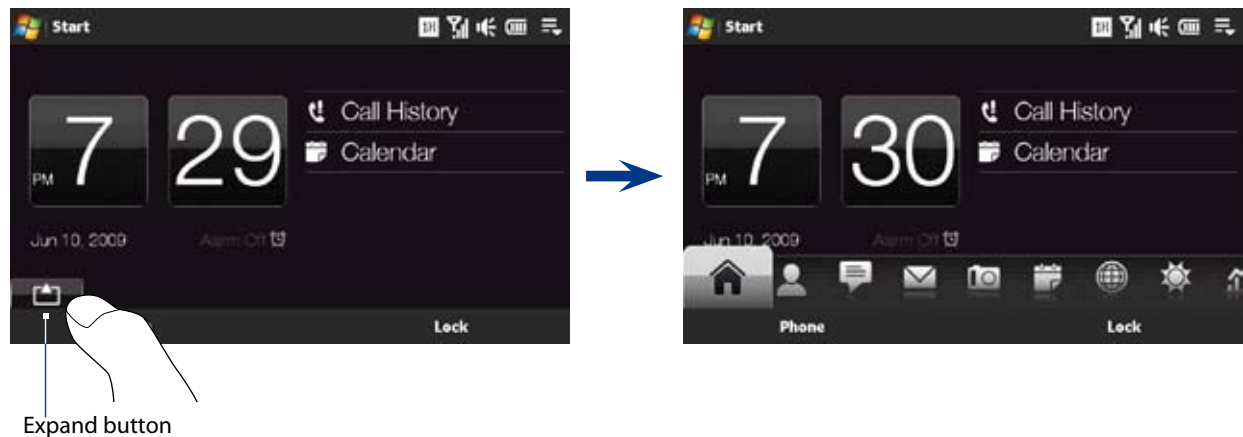
Switching between the tabs of the Home screen

To switch between the tabs, you can do any of the following:

- Touch or tap the desired tab.
- Press and hold your finger on the active tab, and then slide your finger right or left over the tabs. Release when you have selected the desired tab.

- Swipe left across the screen to move to the next tab, and swipe right across the screen to move to the previous tab.
- When using the hardware keyboard, press the right key to move to the next tab, and press the left key to move to the previous tab.

Tip   While on any other TouchFLO 3D tab, press the END/POWER key to return to the Home tab.
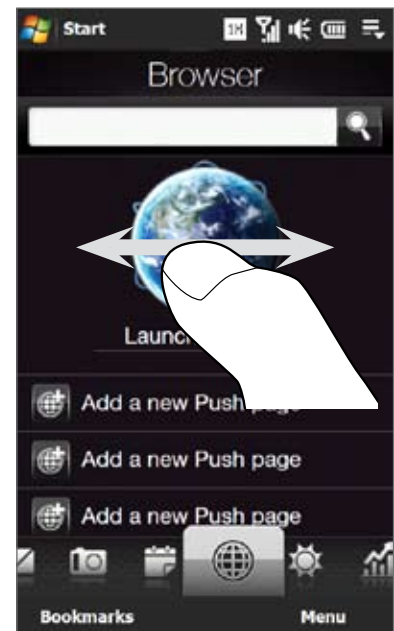
Customizing the Home screen tabs

You can move or hide the tabs on the Home screen, except for the Home tab. The Settings tab cannot be disabled and hidden also from the Home screen.

1. On the Home screen, slide your finger to the Settings tab, and then touch **Customize Tabs**.
2. To move a tab, touch and hold the icon before the tab name, and then drag it up or down the tabs list. Release the icon when you reach the desired location.
3. To hide a tab, clear the check box at the right of the tab name.
4. Touch **Done**.

3.2 Home

The **Home** tab displays the current date, a flip-style clock, and an alarm icon that indicates whether the alarm is on or off. Missed calls and your upcoming calendar appointments are also shown on the Home tab.

Open the Call History tab of the My Favorites screen and view the missed call information.

Open the appointment details screen where you can view, edit, or delete the appointment.

Touch the clock to open the World Clock and change the date, time, and alarm clock settings.

Swipe upward on the screen to display a smaller digital clock and view more appointments. To change back to the flip clock, swipe downward on the screen.

World Clock

On the Home tab, tap the clock to open the **World Clock** tab ( ) and view the date and time.

Tip   The World Clock tab can have up to 10 cities.

Add another city.

This is your local time. To change the local time to another city, select the button before the city name.

The date and time in selected cities.

Return to the Home tab.

Remove or rearrange the cities, or adjust the local time.
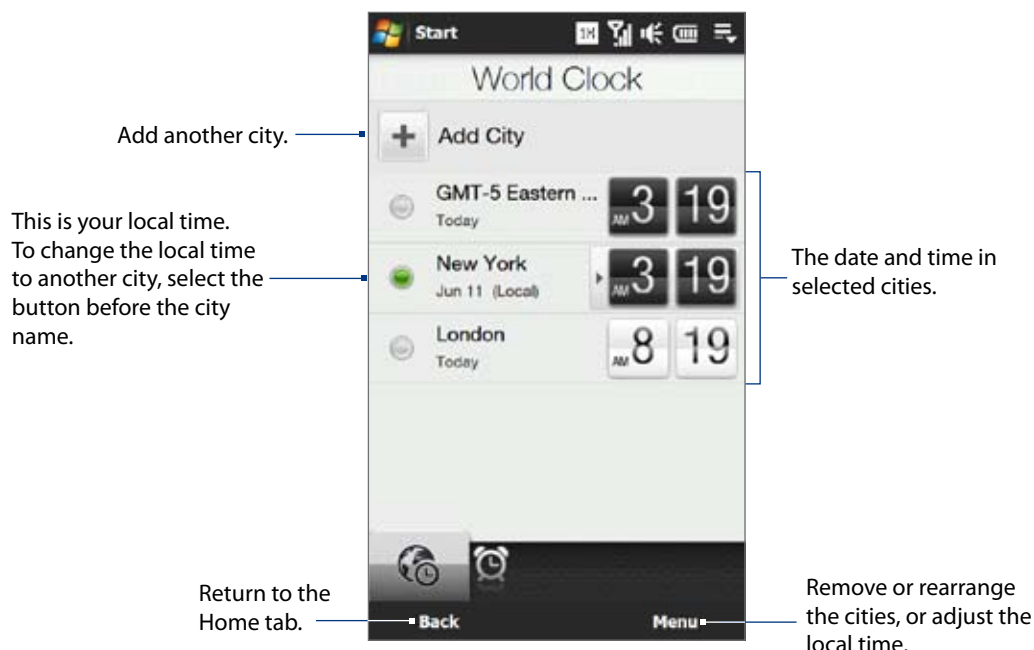
To change your local time, date and time zone

1. On the World Clock tab, touch **Menu > Local Time Settings**.
2. Adjust the time (hour and minutes) by tapping the up or down arrow buttons.
3. Touch **Date**, select the date, year, and month, and then touch **Select**.

4. Touch **City**. The Select Country screen then appears.

5. Flick your finger on the screen or use the Quick Scroll bar on the right of the screen to scroll through the country list. Touch the desired country to select it.

6. The Select City screen then appears. Flick your finger on the screen or use the Quick Scroll bar on the right of the screen to scroll through the city list. Touch the desired city to set your time zone.

> **Tip**   You can also slowly scroll through the country or city list by dragging your finger upward on the screen, or enter the country or city name in the search box.

7. Tap **Done**.

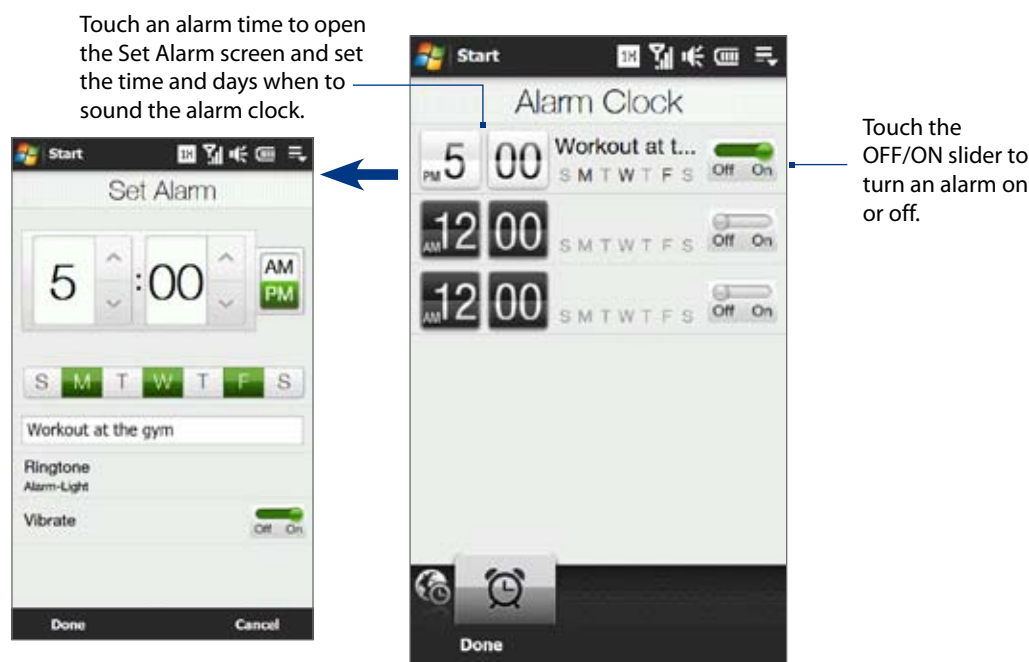**Note**   When you synchronize your device with your computer, the time on your device is updated with the time on your computer.

Alarm Clock

On the Home tab, tap the clock, and then touch the **Alarm Clock** tab (   ) to open the Alarm Clock screen. You can set up to three alarms on this tab.

Touch an alarm time to open the Set Alarm screen and set the time and days when to sound the alarm clock.

Touch the OFF/ON slider to turn an alarm on or off.

To set an alarm

1. On the Alarm Clock screen, touch an alarm time.

2. On the Set Alarm screen, adjust the alarm time (hour and minutes), then tap the day of the week for the alarm.

> **Tip**   Select multiple days by tapping each desired day. Tap a selected day to exclude it from the alarm.

3. Enter the alarm description, select the alarm ring tone, then choose whether you want the device to vibrate when the alarm goes off.

4. Tap **Done**.

5. On the Alarm Clock screen, tap the OFF/ON slider to turn on the alarm.

Note   When an alarm goes off, you have the choice to **Snooze** or **Dismiss** the alarm. When you select **Snooze**, the alarm will sound again after 5 minutes.

3.3 My Favorites

On the **My Favorites** tab, you can add favorite contacts and quickly make calls or send text and e-mail messages to these contacts.

From the My Favorites tab, you can also set up your own contact card, create new contacts, and easily view exchanged text, multimedia and e-mail messages with a contact. If contacts have their own Facebook account, you can view their Facebook updates and events right from the My Favorites tab.

Note You need an active data or wireless network connection to the Internet to link to Facebook. See Chapter 8 for details on how to connect to the Internet.

Setting up My Contact Card

My Contact Card automatically opens the first time that you access the **My Favorites** tab. You can enter and save your contact information on My Contact Card so you can easily share and send it to your contacts. If you have a Facebook account, you can also sync your Facebook profile with My Contact Card so you can receive instant notifications everytime you or your friends change profiles or post events.

1. On the Home screen, slide your finger to the **My Favorites** tab.
2. When the My Contact Card screen appears, tap **Next**.

    Note Tap **Skip** if you prefer to set up My Contact Card later. You can open My Contact Card from the Settings tab of the TouchFLO 3D Home screen, or from the All tab of the My Favorites screen. See "To view and search contacts on your device" and "Settings" for details.

3. On the subsequent screen, choose how to add your photo to your contact card. You can use the **Camera** to take your photo, select a stored photo from your device or storage card, or if you have a **Facebook** account, login to your account and sync with your Facebook profile.

    Note When the Link Profile window opens, select or clear the Facebook information that you want to link, and then tap **Done**.

4. On the Detail Information screen, enter your information in the fields provided. You can scroll down the screen to view more fields.
5. When finished entering information, tap **Next**, and then tap **Done** on the subsequent screen to return to the My Favorites tab.
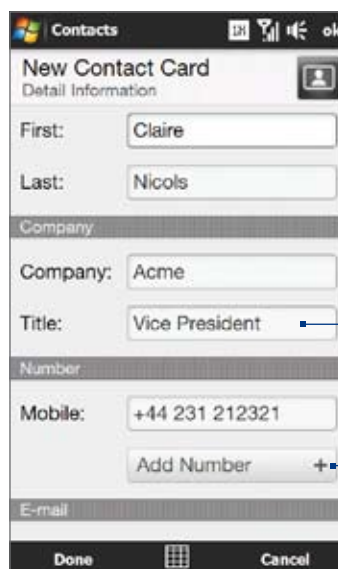
Working with favorite contacts

You need to have contacts already stored on your device before you can add them as favorite contacts on the My Favorites tab. If there are no existing contacts, create them first on your device.

To create a new contact

1. On the My Favorites tab, touch **All Contacts**.
2. The My Favorites screen then opens and displays the All tab (👤). Touch **New** to create a new contact.
3. Enter the contact information in the fields provided and then tap **Done** or **OK**.

Tips • To link with the contact's Facebook account, scroll down the New Contact Card screen and then tap **Link** in the Facebook section. For more information about Facebook, see "Facebook updates and events" in this chapter.

• Tap **More** at the bottom of the New Contact Card screen to enter additional contact information from Windows Mobile's Contacts program. See "Contacts" in Chapter 12 for details.

Add the contact's photo. You can link to the contact's Facebook photo, select an existing photo in Album, or open Camera and take a photo of the contact.

Touch a field to start entering information.

Add another phone number.

To add favorite contacts

You can add up to 15 favorite contacts on the **My Favorites** tab.

1. On the My Favorites tab, touch one of the **plus** (+) icons, or touch **Add Favorite**.

2. On the Select a Contact screen, touch the name of the desired contact.

   Tip   To create a new contact, touch **New** on top of the list.

3. Select a phone number or e-mail address to associate to the favorite contact.

   Note If there is no picture associated with the contact, the Album program opens and lets you take a photo of the contact or select an existing contact photo. For more information about Album, see Chapter 11.

4. To add another favorite contact, touch the small plus icon ( ) at the right side of the screen and repeat steps 2 and 3.
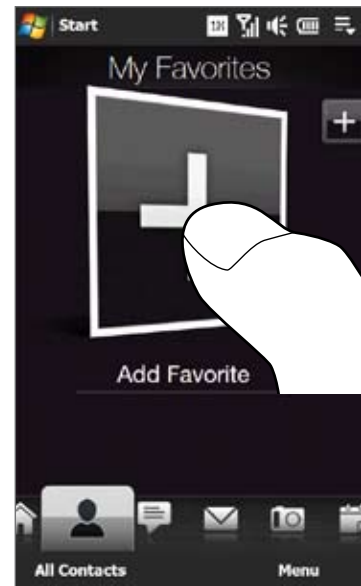
To find a favorite contact

Do any of the following:

- To flip through the contact pictures one at a time, swipe your finger upward or downward the screen.

- On the picture strip at the right side of the My Favorites tab:

  - Touch the picture of the desired favorite contact; or

  - Press and hold on the currently selected contact picture at the right side of the screen, and then slide upward or downward the picture strip until the desired favorite contact is selected.

Swiping upward/downward on the screen
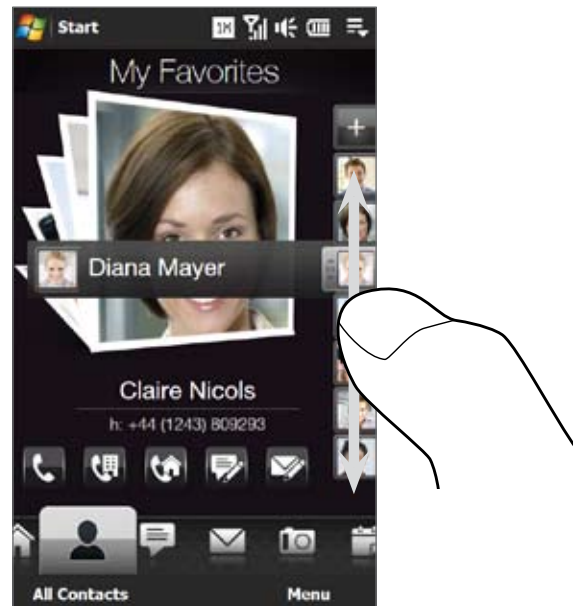
Using the picture strip

Tip   To remove the current favorite contact, touch **Menu > Remove Favorite**.

To communicate with your favorite contact

After selecting a favorite contact, do any of the following to communicate with that contact:

- Touch the contact's name, phone number, or e-mail address below the contact picture to call or send an e-mail message. For more information about making a call or composing and sending an e-mail message, see Chapter 2 and Chapter 6.
- Touch an icon below the contact name to communicate with the contact.

Call the contact's mobile phone.

Call the contact's work/office phone.

Call the contact's home phone.

Compose and send an e-mail message.

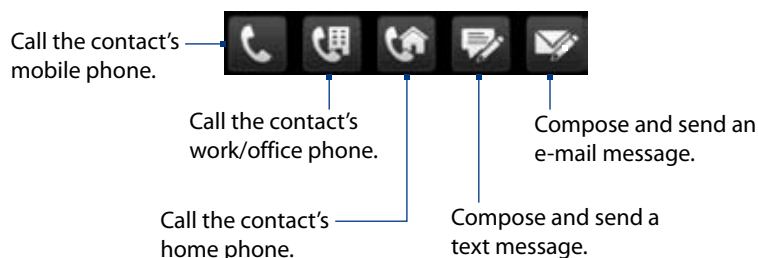Compose and send a text message.

The icons shown depend on available contact information. For example, (   ) is shown if the contact information includes a home phone.

- Touch the picture of the favorite contact on the center screen to open the Contact Details screen, and then choose how to communicate with the contact. See "The Contact Details screen" in this chapter for details.

The My Favorites screen

Touch **All Contacts** on the My Favorites tab to display the My Favorites screen where you can view and manage all your contacts. The My Favorites screen has these tabs: **All**, **Favorites**, **Updates and Events**, and **Call History**.

All   Favorites   Call History

Updates and Events
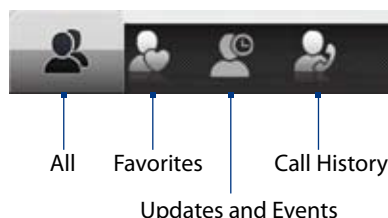
Note   The way to switch between tabs on the My Favorites screen is just the same as the way you switch tabs on the main Home screen. See "Switching between the tabs of the Home screen" earlier in this chapter.

Tab	Functions
All	Lists all contacts on your device. Touch a contact to open the Contact Details screen. You can also use this tab to open or update My Contact Card.
Favorites	Shows the favorite contacts that you have added to the My Favorites tab. You can also add favorite contacts through this tab.
Updates and Events	Displays notifications when there are updates that occurred in Facebook. This tab also shows events of your stored contacts. See "Facebook updates and events" in this chapter for details.
Call History	Lists all your dialed numbers, and received and missed calls. See "Using Call History" in Chapter 2.

To view and search contacts on your device

On the My Favorites screen, touch the All tab to view all your contacts. Swipe upward or downward on the screen to scroll through your contacts. You can also use the search box or the Quick Scroll bar to search for contacts on your device.

Tap to send your contact information as an attachment in a multimedia message.

Create a new contact.

Show or hide the search box. Use the search box to search contacts on your device.

Touch to edit or update My Contact Card

SIM card contact

Quick Scroll bar. Touch and hold, and then slide your finger downward.

Touch to open the Contact Details screen.

This icon appears when:
• You receive a new text or e-mail message, or when you miss a call from the contact.
• The contact has updated Facebook profile or added events in Facebook.

The Facebook status appears when you link the contact to his or her Facebook account.

Add a new contact, delete contacts, filter the contacts list, and more.

Return to the My Favorites tab.

Note When you slide open the hardware keyboard and the screen switches to landscape view, the All tab automatically displays the search box. You can use the hardware keyboard to enter and search for a contact.

The Contact Details screen

When you touch a contact name in the All tab of the My Favorites screen or touch the picture of a favorite contact in the center screen of the My Favorites tab, the Contact Details screen opens. From this screen, you can view the contact's details, exchange of messages and calls with the contact, and more.

The Contact Details screen has these tabs: **Details**, **Messages**, **Email**, **Updates and Events**, and **Call History**.

Details   Email   Call History
    Messages   Updates and
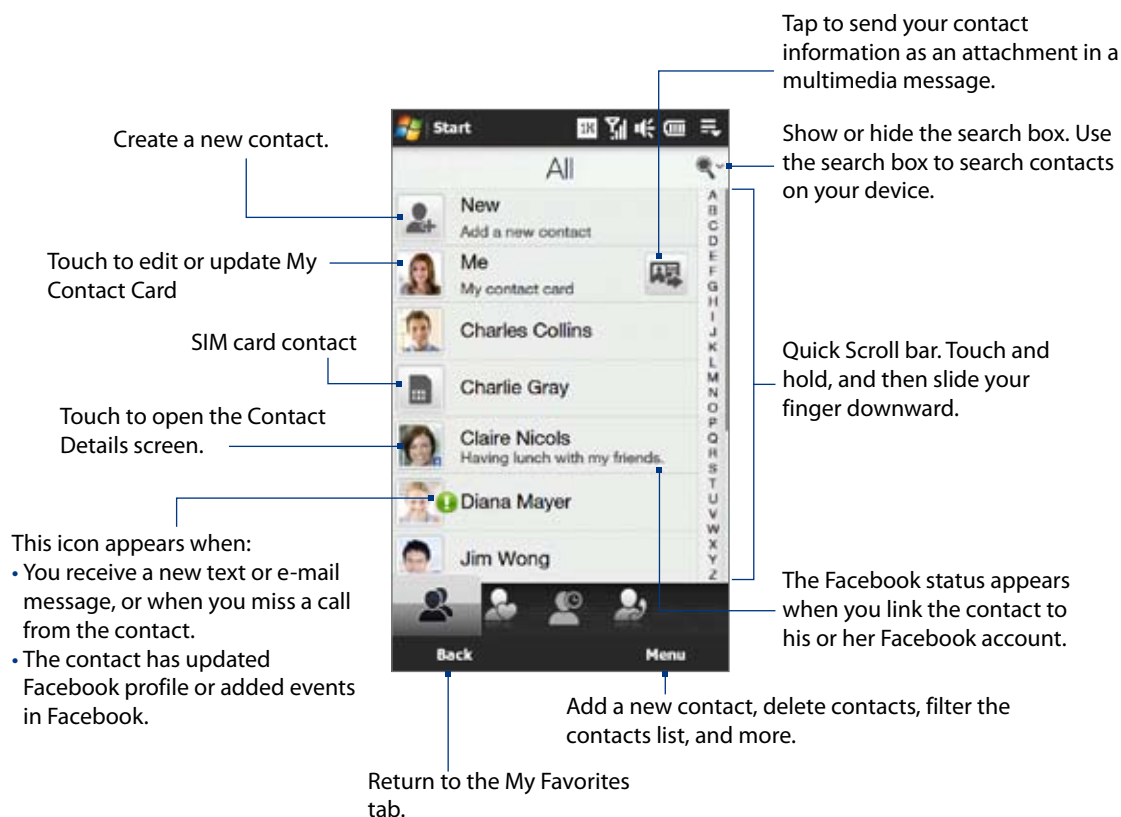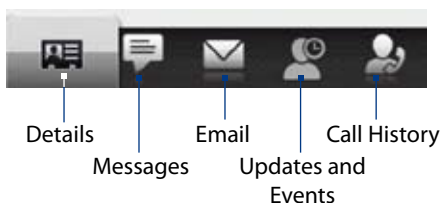   Events

Note The way to switch between tabs on the Contact Details screen is just the same as the way you switch tabs on the main Home screen. See "Switching between the tabs of the Home screen" earlier in this chapter.

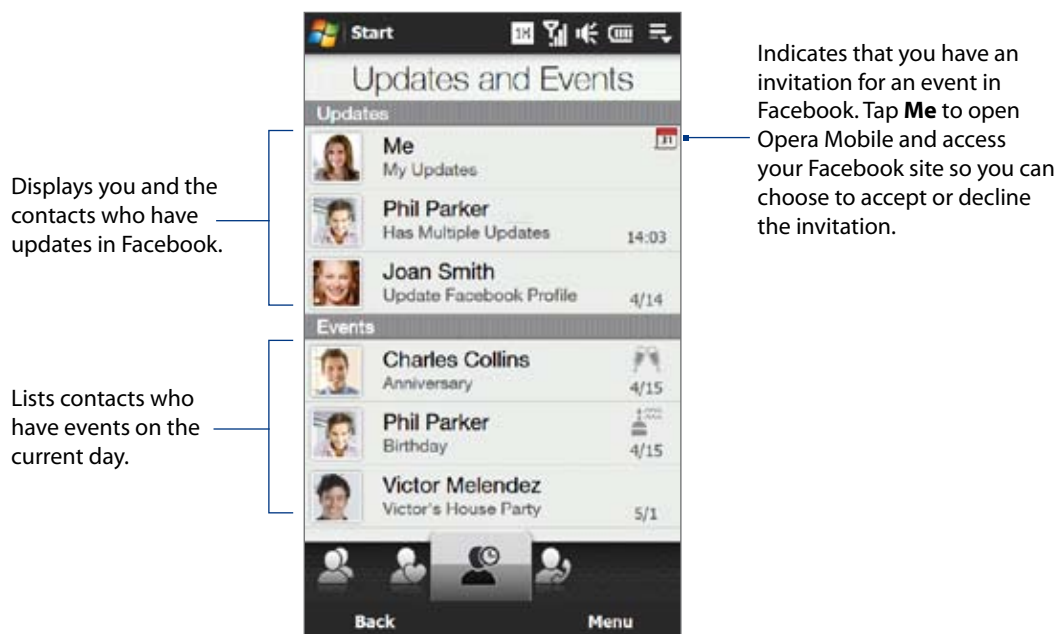| Tab	Functions
Details	Shows a contact's details. From this tab, you can call or send a text or e-mail message to the contact, edit or delete the contact information, or save the contact to your SIM card.
Messages	Displays exchanged text and multimedia messages with the contact. You can also reply with a text message directly on this tab.
Email	Displays all received e-mail messages from the contact.
Updates and Events	Displays notifications when the contact has updates on his or her Facebook account. This tab also shows events of the contact. See "Facebook updates and events" in this chapter for details.
Call History	Lists all your incoming, outgoing, and missed calls to and from the contact. This tab also lets you call the contact. See "Using Call History" in Chapter 2 for details.

Facebook updates and events

If you and your stored contacts have Facebook accounts and you linked to Facebook when you were creating My Contact Card, you can easily check which of your contacts have updates that occurred in Facebook. The types of Facebook updates include changes in profile information and status as well as new photos added to the Facebook album.

You can also easily check which contacts have events that occur on the current day. The types of events include the birthday and anniversary, if specified and stored on the contact details, as well as events that are created in Facebook.

To check which contacts have Facebook updates and events

You can check for Facebook updates and events of contacts from one convenient location, which is on the Updates and Events tab of the My Favorites screen.

1. On the Home screen, slide to the My Favorites tab and then tap **All Contacts**.
2. Tap the Updates and Events tab ( ).
3. If you haven't linked your stored contacts to Facebook, the Updates and Events tab will show a **Link Profiles** option. Tap this option, choose which contacts you want to link to Facebook, and then tap **Next**.

    On the Link Profiles window, select or clear the Facebook information that you want to link, and then tap **Done**.
4. In the **Updates** list, when you tap a contact who has only one type of Facebook update, Opera Mobile opens and brings you to your Facebook site where you can view details of the contact's Facebook update.
5. When you tap a contact who has multiple Facebook updates, the Contact Details screen opens and displays the Updates and Events tab of this contact. See "To check a single contact's Facebook updates and events" for details.
6. In the **Events** list, tap a contact to send a greeting via a text message to the contact or view the contact details. If an event is a Facebook event, tap it to open Opera Mobile and view information about that event.

Displays you and the contacts who have updates in Facebook.

Lists contacts who have events on the current day.

Indicates that you have an invitation for an event in Facebook. Tap **Me** to open Opera Mobile and access your Facebook site so you can choose to accept or decline the invitation.

Notes • To manually refresh and display the latest Facebook updates, tap **Menu > Update Now**.

• To enable the Facebook updates to be refreshed automatically, tap **Menu > Data Connection Setting** and then select the **Download data automatically**. The refresh is not instant. Your device checks from Facebook in a fixed time period.

To check a single contact's Facebook updates and events

To check only for a single contact's Facebook updates and his or her events, access the Updates and Events tab from the Contact Details screen.

1. On the Home screen, slide to the My Favorites tab and then tap **All Contacts** to open the My Favorites screen.

2. Tap a contact to open the Contact Details screen.

3. Tap the Updates and Events tab (📇).

4. In the **Updates** list, tap a Facebook update to open Opera Mobile and view details of that update.

5. In the **Events** list, tap an event to send a greeting via a text message to the contact or view the contact details. If it is a Facebook event, tap it to access your Facebook site and view information about that event.

To change your status in Facebook

You can change your status in Facebook directly from your own contact card.

1. On the **All** tab of the My Favorites screen, tap **Me** to open your contact card.

2. Scroll to the bottom of the screen and then tap the button that displays your status.

3. Enter your new status and then tap **OK**.

To log out from Facebook

To log out from your Facebook account, open My Contact Card, scroll to the bottom of the screen, and then tap the message that says "Tap to logout".
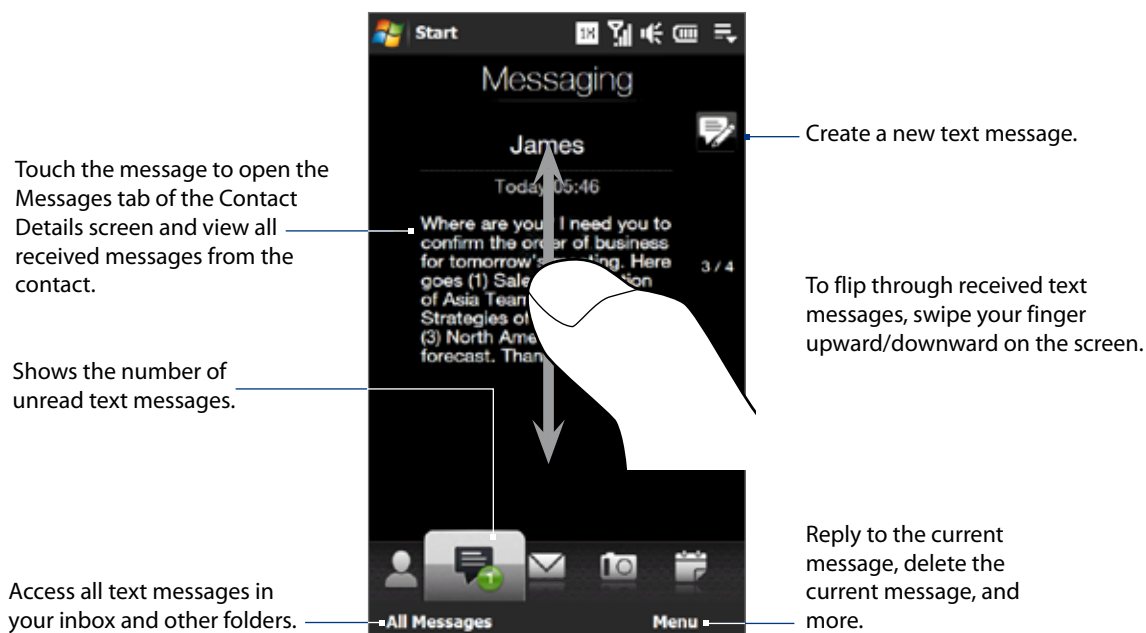
To connect back to Facebook

Do one of the following:

- Open My Contact Card, scroll to the bottom of the screen, and then tap the message that says "Login to my facebook".

- On the Updates and Events tab of the My Favorites screen, tap **Link**.

- On the Updates and Events tab of a single contact in the Contact Details screen, tap **Link Profiles**.

On the Facebook Login screen, enter the e-mail address and password that you use for your Facebook account.

3.4 Messaging

On the **Messaging** tab, you can read text messages (SMS) as they arrive, and create a new text message.

Touch the message to open the Messages tab of the Contact Details screen and view all received messages from the contact.

Shows the number of unread text messages.

Access all text messages in your inbox and other folders.

Create a new text message.

To flip through received text messages, swipe your finger upward/downward on the screen.

Reply to the current message, delete the current message, and more.

For more information about working with text messages, see "Text Messages" in Chapter 6.

Making calls or sending e-mail directly from a text message

While reading a text message on the Messaging tab, you can directly call the sender of the text message. When you have opened a received text message, you can place a call to the phone number or send e-mail to the e-mail address that is contained in the message.

For more information about directly making calls and sending e-mail while viewing text messages, see Chapter 6.

3.5 Email

The **Email** tab is where you send and receive e-mail messages.

Adding an Internet e-mail account

On the Email tab, use **Mail Setup** to easily add web-based e-mail accounts such as Yahoo! Mail Plus, AOL, and more.

1. On the Home screen, slide to the **Email** tab.
2. Touch **New Account** at the bottom-right of the screen. The Mail Setup screen appears.
3. Enter your e-mail address and password, then tap **Next**.
4. Enter your name and the account display name, then tap **Next**.

   Mail Setup then searches for the e-mail provider settings on your device. If the settings are not found on your device, you will be prompted to enter the e-mail account settings manually. Obtain the e-mail account settings from your e-mail provider.
5. Tap the **Automatic Send/Receive** time, and then choose how often you want e-mail messages to be automatically sent and downloaded on your device.
6. Select or clear an advanced setting according to your preference, and then tap **Done**.

For more information about specifying e-mail server settings, creating and sending e-mail messages, and customizing e-mail settings, see "E-mail" in Chapter 6.

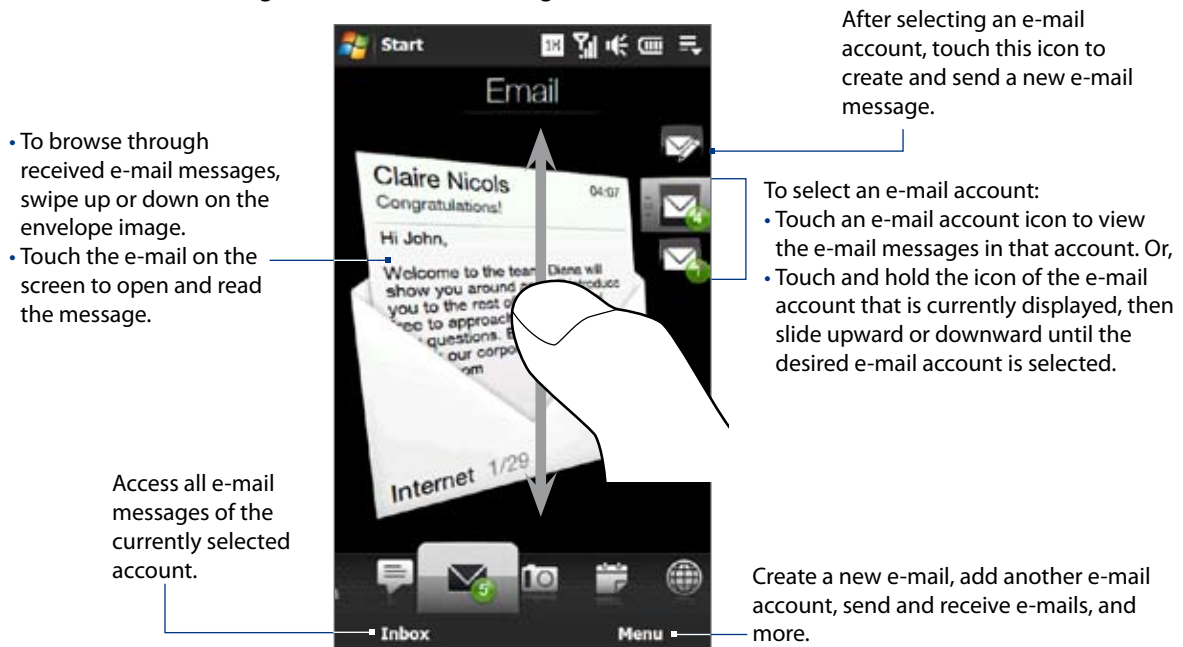## Adding an Outlook e-mail account

You can also set up and add an Outlook e-mail account on the Email tab and view the same e-mail messages that you receive in Outlook on your computer or on the Exchange Server. Before you add an Outlook e-mail account, obtain the Exchange Server name, domain name, user name, and password from your network administrator.

1. On the Home screen, slide to the **Email** tab.
2. Touch **New Account** at the bottom-right of the screen.

    Note If you have previously added an e-mail account on the Email tab, touch **Menu > Accounts > New Account**.
3. On the Mail Setup screen, enter your e-mail address and password, select **Exchange Email (Outlook)**, and then tap **Next**.
4. Enter the domain name and server address, select the **This server requires an encrypted (SSL) connection** option, if needed, and then tap **Next.**
5. Clear the data that you want to exclude from synchronization, and then tap **Done**. Your device synchronizes with the Exchange Server and downloads your Outlook e-mail messages.

    Note If you include all Outlook data, your Outlook contacts, appointments, and tasks will also synchronize with your device.

For more information about working with company e-mail, see Chapter 7.

Checking and reading e-mail messages

The icon on the Email tab and the respective icons of your e-mail accounts show the number of newly received or unread e-mail messages. Select an e-mail account and then swipe your finger up or down on the center screen to browse through received e-mail messages.

After selecting an e-mail account, touch this icon to create and send a new e-mail message.

• To browse through received e-mail messages, swipe up or down on the envelope image.
• Touch the e-mail on the screen to open and read the message.

To select an e-mail account:
• Touch an e-mail account icon to view the e-mail messages in that account. Or,
• Touch and hold the icon of the e-mail account that is currently displayed, then slide upward or downward until the desired e-mail account is selected.

Access all e-mail messages of the currently selected account.

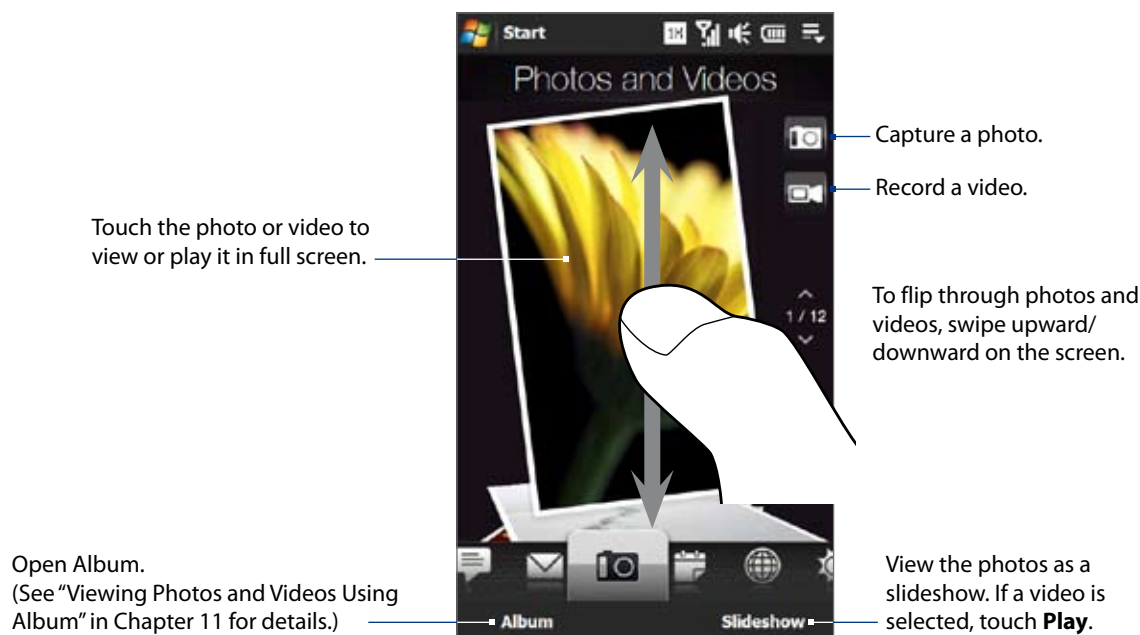Create a new e-mail, add another e-mail account, send and receive e-mails, and more.

For more information about creating and sending e-mail messages, see Chapters 6 and 7.

Making calls directly from an e-mail message

You can directly call the sender of the e-mail message that is currently shown on the Email tab. For more information about directly making voice calls while viewing e-mail messages, see Chapters 2 and 6.

3.6 Photos and Videos

The **Photos and Videos** tab lets you flip through your photos and video clips and view them in full screen. From this tab, you can also open Camera and capture pictures and record videos.

Capture a photo.

Record a video.

Touch the photo or video to view or play it in full screen.

To flip through photos and videos, swipe upward/ downward on the screen.

Open Album.
(See "Viewing Photos and Videos Using Album" in Chapter 11 for details.)

View the photos as a slideshow. If a video is selected, touch **Play**.

The Photos and Videos tab displays pictures and video files from the current favorite album. By default, the Camera Shots album is set as the favorite album. This album stores the pictures and videos you captured using the device camera.

To set an album as a Favorite

1. On the Photos and Videos tab, touch **Album**.
2. Touch **Albums** and then select one of the listed favorite albums.
3. Tap **Menu > Set Album as Favorite** and then tap **OK** on the confirmation screen.

Tips   • For more information about viewing in full screen, see "Viewing photos" and "Playing videos" in Chapter 11. The file formats that can be viewed on the Photos and Videos tab are the same as in Album.

      • To transfer media files from a computer and view them on the Photos and Videos tab, copy or synchronize them to a folder under **\My Device** (the device memory) or **\Storage Card** (if a microSD card is installed).

3.7 Calendar

The **Calendar** tab displays a monthly calendar and allows you to quickly create and view appointments.

Indicates that you have appointments for that date.

To go to the next or previous month, swipe your finger upward/downward or touch the Up/Down arrow on the screen.

Today's date.

Touch a date to view or create appointments for that date.

Switch to Day view so you can view or create appointments for the current day.

From the menu, choose to create a new appointment for the current date, or go to the current date if it is not displayed on the screen.

To create an appointment

1. On the Home screen, slide your finger to the **Calendar** tab.
2. If you are creating an appointment for the current date, touch **Menu > New**. Otherwise, touch another date on the calendar, and then touch **New Appointment**.
3. Enter a name for the appointment, then specify the location.
4. If there is a time frame for the appointment, set the start and end dates and times. If it is a special occasion such as a birthday or a whole-day event, set the **All Day** option to **Yes**.
5. When finished, tap **OK** to return to the Calendar tab.

To view and manage your appointments

On the Calendar tab, dates with appointments are indicated by a triangle at the upper-right corner of the date box.

1. Touch a date on the calendar to switch to Day view. The screen displays all your appointments and the weather information for that day.

    Note The weather information appears only if you have set your local time to a city on the World Clock tab, and if the appointment date is within the 5-day forecast on the Weather tab. See "Home" and "Weather" in this chapter for details.

2. Touch an appointment to view its details. On the appointment details screen, touch **Menu** to edit, send, or delete the appointment.
3. Touch **OK** to return to **Day** view.

Tip   Your upcoming appointments also appear on the Home tab.

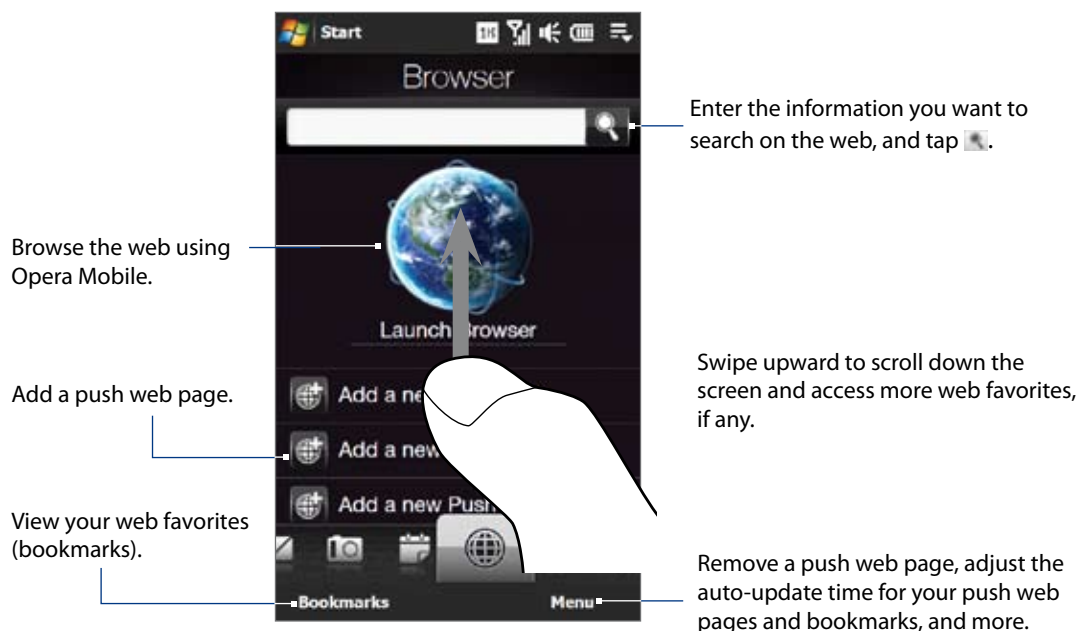### To use Windows Mobile Calendar

You can also use the Windows Mobile Calendar program to create, view, and send appointments. To open the Calendar program, tap **Start > All Applications > Calendar**.

For more information about using Windows Mobile Calendar, refer to the "Help & How-To" topics on the Windows Mobile web site.

3.8 Internet Browser

On the **Browser** tab, you can open Opera Mobile™ to browse the web, search information, and add push web pages. This tab also lets you enable Push Internet to update the contents of your push web pages before you browse them.

Enter the information you want to search on the web, and tap ◤.

Browse the web using Opera Mobile.

Add a push web page.

View your web favorites (bookmarks).

Swipe upward to scroll down the screen and access more web favorites, if any.

Remove a push web page, adjust the auto-update time for your push web pages and bookmarks, and more.

To add a push web page

You can add push web pages on the Browser tab for quick access.

1. On the Home screen, slide your finger to the **Browser** tab.
2. Tap **Add a new push page**. On the New Push Page screen, enter the push web page title and address (URL), and then select the auto update time under Frequency.

   Tip You can also select a bookmark, and add it as a push web page.

3. Tap **Save**.

To automatically update your push web pages

Automatically update your push web pages to ensure that you browse the latest versions of your favorite web sites every time you access them from the Browser tab. The updated web sites are cached in the device memory so that they load faster in Opera Mobile.

1. On the Browser tab, touch **Menu > Schedule Settings**.
2. In the Day and Time section, select the day or days you want to auto update your push web pages, and then specify the update time.
3. Scroll down the screen to the Frequency section, then touch the update time below each of your push web pages to set the time interval for automatic updates.
4. Tap **Done** to return to the Browser tab.

To configure Push Internet settings

1. On the **Browser** tab, touch **Menu > Data Settings**.
2. Touch the OFF/ON slider to enable or disable the following options:
   - **Push Internet**. Enable (default) or disable Push Internet.
   - **Roaming**. Enable this option if you want to update your push web pages and bookmarks even when you are roaming. Enabling this option may incur additional data charges. This option is disabled by default.

3.9 Weather

The **Weather** tab shows you the current weather as well as weather information for the next four days of the week. The Weather tab can display weather information of your local city and/or weather in up to ten cities.

Shows the last weather update.

To view the weather in other cities, swipe your finger upward/downward on the screen.

Add or delete a location, change the temperature to Celsius or Fahrenheit, and more.

Download the latest weather information.
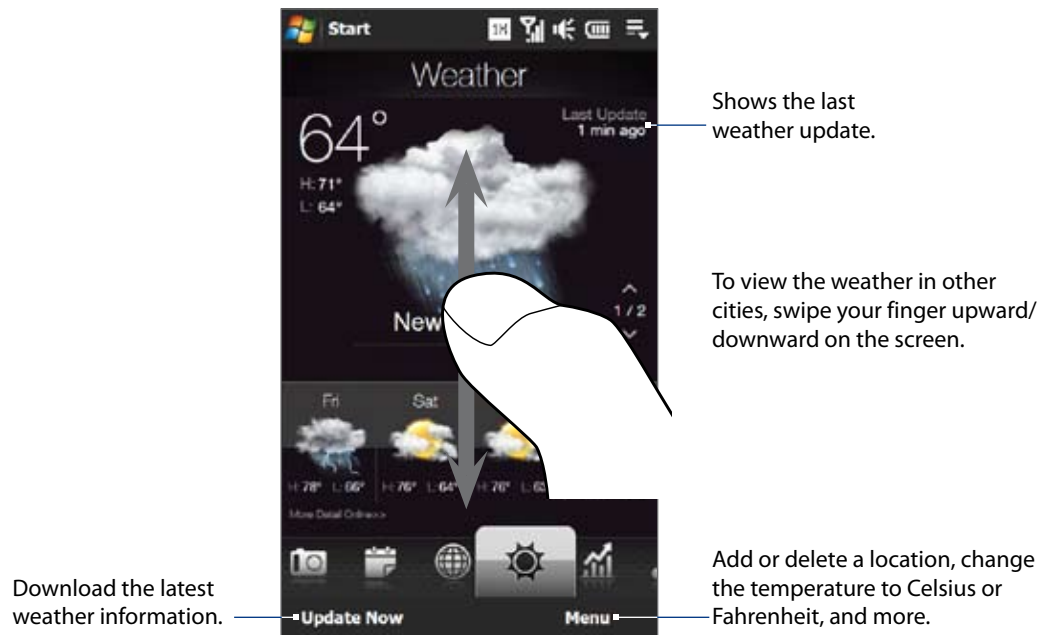
Your device automatically connects to the Internet to download and display weather information. The current temperature, temperature range, type of weather (sunny, cloudy, showers, or others), and the weather information for the next four days of the week are shown on the Weather tab.

To add a city

1. On the Weather tab, touch **Menu > Add Location**.
2. The Select Country screen then appears. Flick your finger on the screen or use the Quick Scroll bar on the right of the screen to scroll through the country list. Touch the desired country to select it.
3. The Select City screen then appears. Flick your finger on the screen or use the Quick Scroll bar on the right of the screen to scroll through the city list. Touch the desired city to select it.

   Tip You can also slowly scroll through the country or city list by dragging your finger upward on the screen, or enter the country or city name in the search box.

To choose download options

1. On the **Weather** tab, touch **Menu > Settings**.
2. You can choose from the following options:
   - **Download weather automatically**. When this option is selected, weather information is automatically downloaded whenever you select the Weather tab, if the data has not been updated within the last three hours. Weather data is also downloaded every time an ActiveSync connection is established.

     Clear this option if you prefer to manually download weather information.
   - **Download weather when roaming**. Select this option only if you want to allow automatic download of weather data when roaming. This may incur additional data charges.

3.10 Stocks

The **Stocks** tab allows you to add, view, and analyze stocks and stock market movements using updated financial information. You can add up to 14 stock quotes or stock market indexes on the Stocks tab.

Note Downloading stock or stock market information may incur additional fees. Contact Verizon for details.

To add a stock or stock market quote

1. On the Home screen, slide your finger to the **Stocks** tab, and then touch **Add Stock**.

    Note If the Stocks tab is not empty, touch **Menu > Add Stock** to add another stock quote or stock market index.

2. On the Add Stock screen, enter the company name, stock market index, or ticker symbol in the search box, and then tap 🔍 .

Enter the company/stock market name or ticker symbol.

Search the company or stock market.

Tap a name or ticker symbol to add the stock/stock market to the Stocks tab.

Swipe upward to scroll down the screen and access more search results.
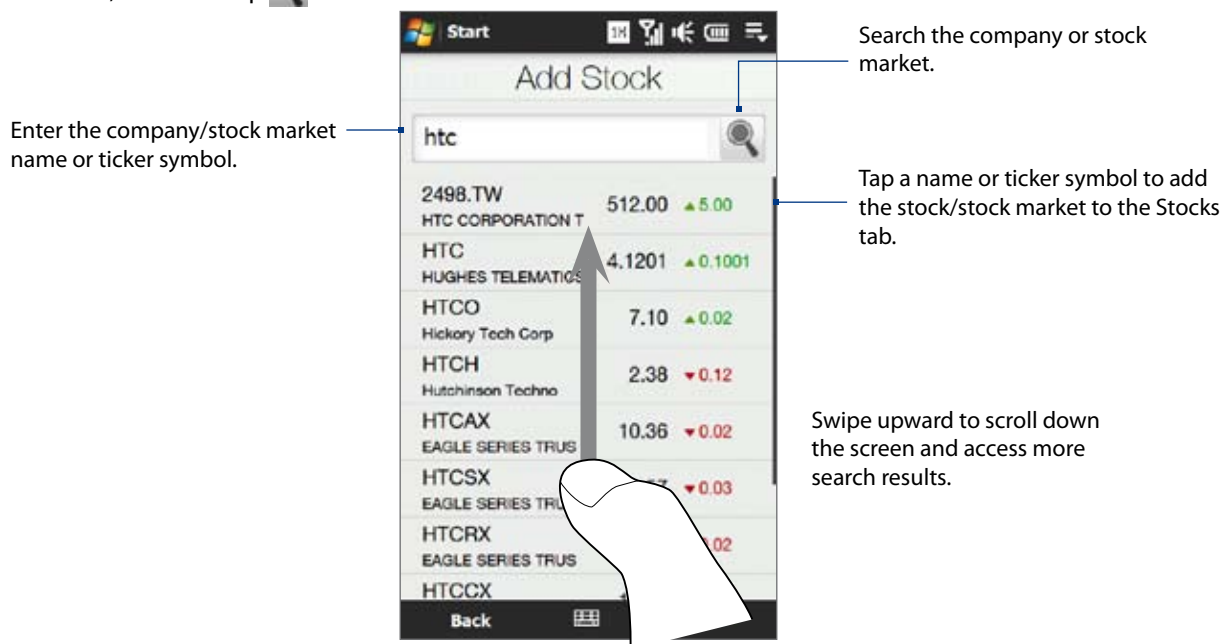
3. Tap the company name, stock market index, or ticker symbol to add it to the Stocks tab.

4. To add another stock quote or stock market index, touch **Menu > Add Stock** on the Stocks tab, then repeat steps 2 to 4.

To view stock quotes or stock market indexes

The Stocks tab lists all your stock quotes and stock market indexes including the current price or volume, and the change in price or volume from the previous trading day. The change in price or volume box indicates whether the stock or stock market has gained (green) or declined (red).

Open the Stock Details screen.

Current trading price or volume

Toggle between showing the change in points/price or percentage from the previous trading day.
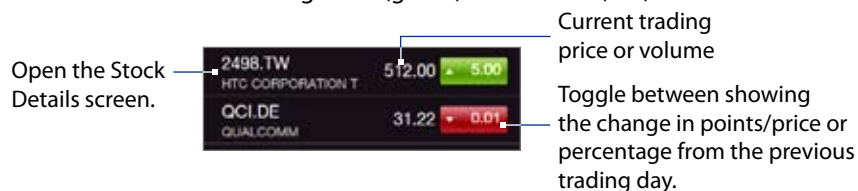
Touch the stock quote or stock market index name to view its intraday chart and other details.

Touch to open the
Stock Details screen.

Shows the last time you
updated the information.

To view more stock quotes or
stock market indexes, swipe your
finger upward on the screen.

Add, delete, or rearrange
the stocks and stock market
indexes.

Download the latest stock/stock
market information.

Return to the Stocks tab.
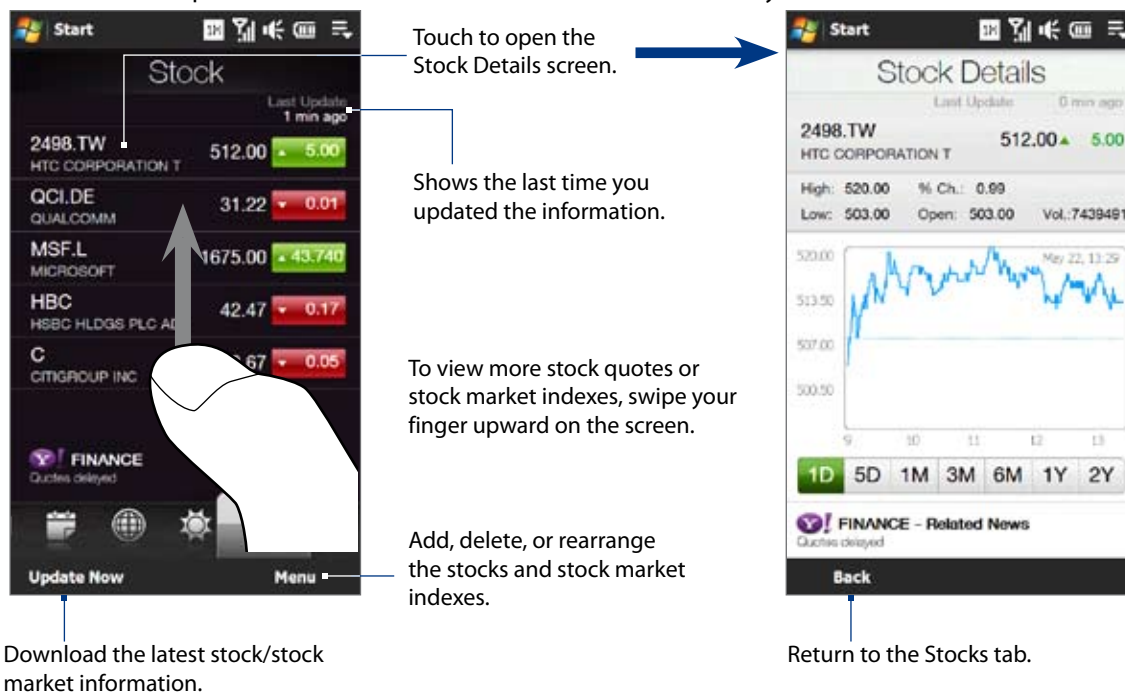
To set the stock or stock market information download

1. On the **Stocks** tab, touch **Menu > Settings**.
2. You can choose from the following download options:
   - **Download data automatically**. When selected, stock and/or stock market index data is automatically downloaded from the Yahoo! Finance web site at the interval you specified.

     You can also update information every time an ActiveSync connection is established. Clear this option if you prefer to manually download stock and/or stock market index information.
   - **Download data when roaming**. Select this option only if you want to automatically download stock and/or stock market index information when roaming. This may incur additional data charges.

3.11 Music

The **Music** tab allows you to visually browse through albums and music tracks and play music. The albums and music tracks that you see on the Music tab are from the **Now Playing** list of the Library.

Go to the previous album or the previous track in the current album.

Play or pause.

Swipe upward/downward on the screen to flip through albums or tracks in an album.

Go to the next album or the next track in the current album.

Access the Library.

Set music playback to **Repeat**, turn **Shuffle** on or off, and more.
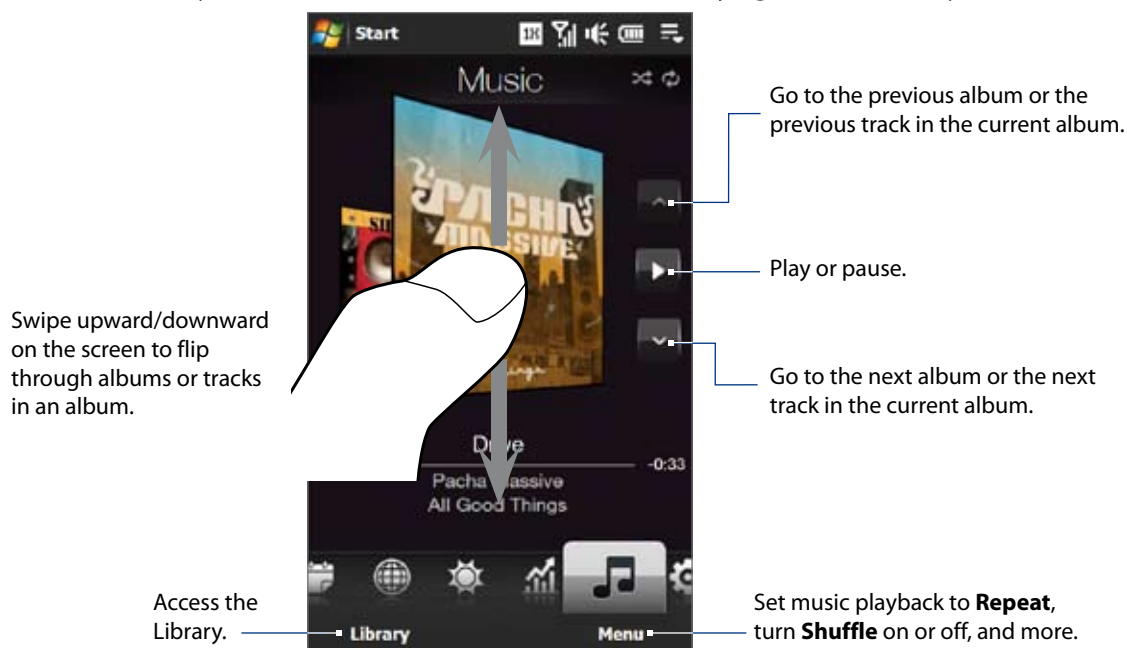
Note Your device searches for all supported music files from the following locations:
Device: \My Music (including all subfolders)
\My Documents (including all subfolders)
Storage Card: \Storage Card (including all subfolders)
For information about supported music file formats, see "Specifications" in the Appendix.

To play music

On the Music tab, flip through albums and tracks to find the music you want to start listening to, and then touch the **Play** icon.

To move forward or backward in the current music track

Touch and hold on the thin bar below the album art to display the progress bar:

Drag your finger right or left on the progress bar to move forward or backward in the current track.

To set repeat and shuffle modes

Touch **Menu > Repeat** and choose whether to repeat the current track, repeat all tracks in the current album or playlist, or not to repeat. To turn shuffle mode on or off, touch **Menu > Shuffle** and then select **Shuffle On** or **Shuffle Off**.

The icons on the upper-right side of the **Music** tab show whether repeat and shuffle modes are enabled.

Repeat [One]   Repeat [All]   Shuffle [On]

To browse and play music in the Library

The Library organizes music into categories, such as **Now Playing**, **Artists**, **Albums**, **Genres**, and **All Songs**. When you add more albums or music tracks to your device, go to the Library to locate and play the new albums or music tracks.

1. On the Music tab, touch **Library** to open the Library screen.
2. The tabs at the bottom of the Library screen correspond to the different categories. To browse music under a certain category, slide to the tab that corresponds to the desired category.

3. Keep tapping an item on a category tab (for example, an artist) until the music tracks display on the screen.

4. Tap a music track to play it.

Note When you select a category in the Library such as Artists and play its music, the Now Playing list will be replaced with the music tracks from that category.

To create and use a playlist

1. Select the desired music on the Music tab or the Library to play it.

2. On the Music tab, touch **Menu > Add to Playlist**.

3. Touch **Create new playlist**, enter the **Playlist Name** and then touch **Done**.

4. Touch **Library**, slide to the **Playlists** tab, then touch a playlist to open it.

5. Touch the plus icon, or touch **Menu > Add Songs**, then slide to the **All Songs** tab.

6. Select the check boxes of the music tracks you want to add to the playlist, or touch **Menu > Select All** to choose all tracks.

7. Touch **Done** to add the tracks to the playlist.

8. When finished adding songs, touch **Back** to return to the Playlists tab.

9. On the Playlists tab, touch a playlist to open it.

10. Touch the first track in the playlist to play it on the Music tab. After each track, the next one in the playlist will be played.

   Note Playlists are not automatically updated when music files have been deleted from the device memory or storage card.

There are two types of playlists that can be shown on the Playlists tab:

- **Custom playlists** ( ) that are created on the Music tab.
- **Windows Media® Player playlists** ( ) that are in Windows Media® Player Mobile's Library (which is synchronized with Windows Media® Player on your computer). These playlists cannot be edited.

   Note If a Windows Media® Player playlist contains a combination of music, video and image files, only music files in the playlist are synchronized to your device and other media types are filtered out.

3.12 Settings

The **Settings** tab gives you access to all the device settings.

1   Access all personal, system, and connection settings.

Set the Phone Network Mode, and adjust the Wi-Fi and Bluetooth settings.

Swipe your finger upward/downward on the screen to view more settings.
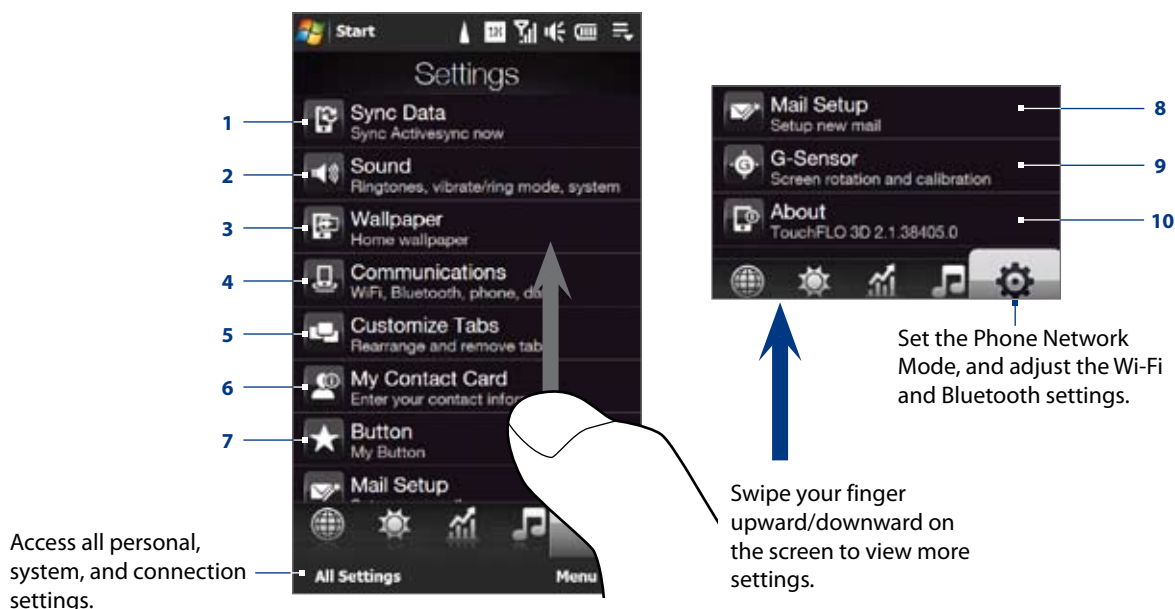
1	Open ActiveSync and sync Outlook information. See Chapter 7 for details.
2	Adjust the audio settings and sound profile. See "Ringer settings" in Chapter 13 for details.
3	Change the Home tab wallpaper.
4	Manage the communication features of your device. See "Using Comm Manager" in Chapter 13 for details.
5	Move or hide the TouchFLO 3D tabs. See "Customizing the Home Screen tabs" earlier in this chapter.
6	Set up My Contact Card. See "Setting up My Contact Card" in this chapter.
7	Assign an application to be opened when you press My Button (★) on the hardware keyboard.
8	Open Mail Setup and set up an Internet or Exchange Server e-mail account. See "Email" earlier in this chapter.
9	Enable or disable auto screen rotation or calibrate the device's G-Sensor.
10	Display the TouchFLO 3D information.

Chapter 4
Entering Text

4.1 The Hardware Keyboard

Your device comes with a QWERTY keyboard, which is similar to a standard keyboard on a computer. To use the keyboard, slide the screen panel to the right to reveal the keyboard.
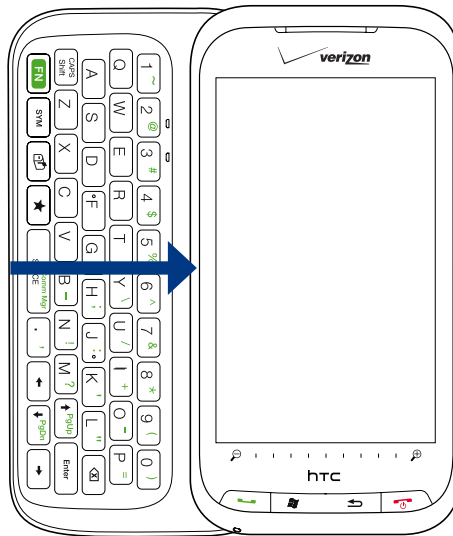
The screen orientation automatically switches to landscape mode when the keyboard is opened.

Adjusting the LCD screen angle

After sliding out the hardware keyboard, you can adjust the angle of the device screen to minimize glare and reflection.

50°
angle
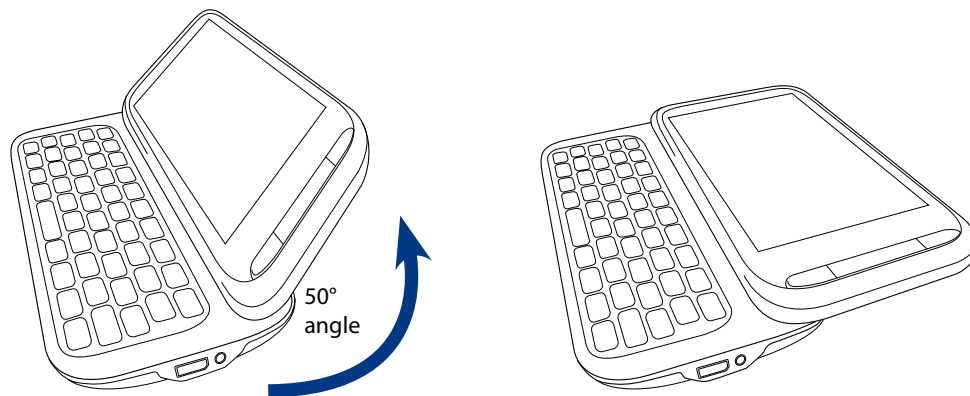
The maximum tilting angle of the screen is 50 degrees. Do not force the screen to tilt further than the maximum tilting angle as it will break the device.

Before you retract the screen, please be sure to adjust the screen angle back to the original horizontal position.

Using the hardware keyboard

You can do the following with the hardware keyboard:

- To type lowercase letters and numbers, press the keys using your thumbs or fingers.

- To enter all uppercase letters, press [CAPS Shift] twice, or press [FN] first and then press [CAPS Shift].

  To change back to all lowercase letters, press [CAPS Shift] again.

- To enter a single uppercase letter, press [CAPS Shift] and then press the corresponding key.

- To enter the symbol or punctuation mark, or launch the program that is printed at the upper right corner of a key, press [FN], then press the corresponding key.

- To open the Symbol Pad, press [FN] and then press [SYM].

- Press [Enter] to insert a hard return while typing.

- Press the arrow keys [←] / [→] / [↑PgUp] / [↓PgDn] for directional movement.

- To delete the previous character, press [⌫].

- Press [✉] to open the Messaging program.

- Press [SPACE Comm Mgr] to enter a space.

- Press [★] (My Button) to launch your favorite application. See "Settings" in Chapter 3 for details on assigning an application to My Button.
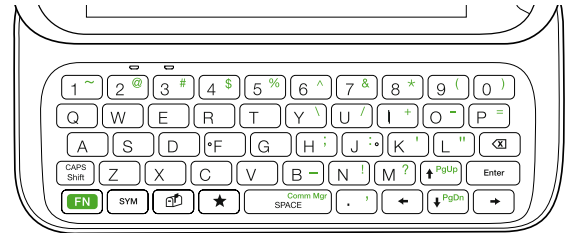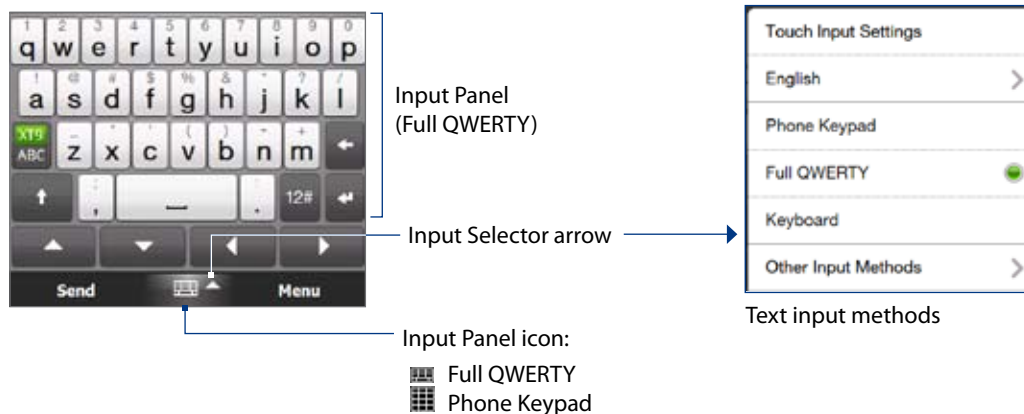
4.2 On-screen Input Methods

When you start a program or select a field that requires text or numbers, the **Input Panel** icon is displayed on the menu bar.

Tap the **Input Selector** arrow (next to the **Input Panel** icon) to open a menu where you can select a text input method and customize input options. After selecting a text input method, the corresponding **Input Panel** is displayed, which you can use to enter text.
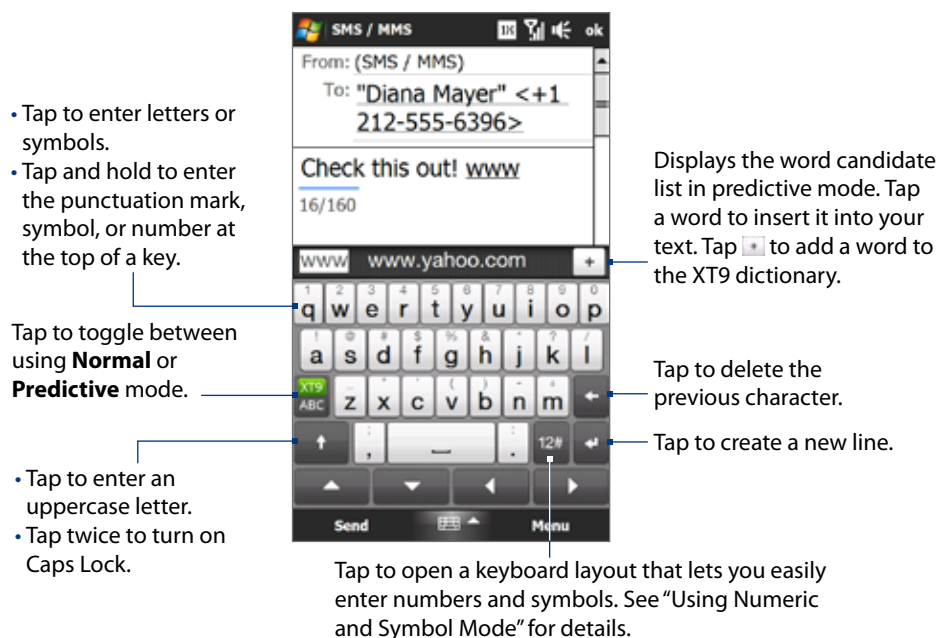
To show or hide the Input Panel, tap the **Input Panel** icon.

Input Panel (Full QWERTY)

Input Selector arrow

Input Panel icon:
- Full QWERTY
- Phone Keypad

Text input methods

Note Select **Other Input Methods** to display more input methods. You can choose from **Keyboard**, which is the Windows Mobile on-screen keyboard with QWERTY layout, **Block Recognizer**, **Letter Recognizer**, or **Transcriber**.

4.3 Using the Full QWERTY

The **Full QWERTY** is a full on-screen QWERTY keyboard layout similar to a computer keyboard.

• Tap to enter letters or symbols.
• Tap and hold to enter the punctuation mark, symbol, or number at the top of a key.

Displays the word candidate list in predictive mode. Tap a word to insert it into your text. Tap ▪ to add a word to the XT9 dictionary.

Tap to toggle between using **Normal** or **Predictive** mode.

Tap to delete the previous character.

Tap to create a new line.

• Tap to enter an uppercase letter.
• Tap twice to turn on Caps Lock.

Tap to open a keyboard layout that lets you easily enter numbers and symbols. See "Using Numeric and Symbol Mode" for details.

To enter text using the Full QWERTY

1. Start a program that accepts text input, such as Word Mobile.
2. Tap the **Input Selector** arrow, then tap **Full QWERTY**.
3. Start tapping keys on the keyboard to enter your text.

   As you tap the keys, the activated character displays on top of the key.

Activated character

Key when tapped.
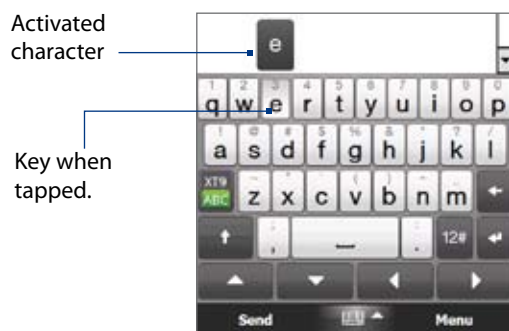
To learn how to enter text using Predictive mode, see "Using Predictive Mode" in this chapter.

To enter accented characters

1. Tap and hold a key with accent options (for example, vowels) to display the accented characters bar.

Accented characters bar

Tapped key

Slide your finger left or right on the screen to select an accented character.
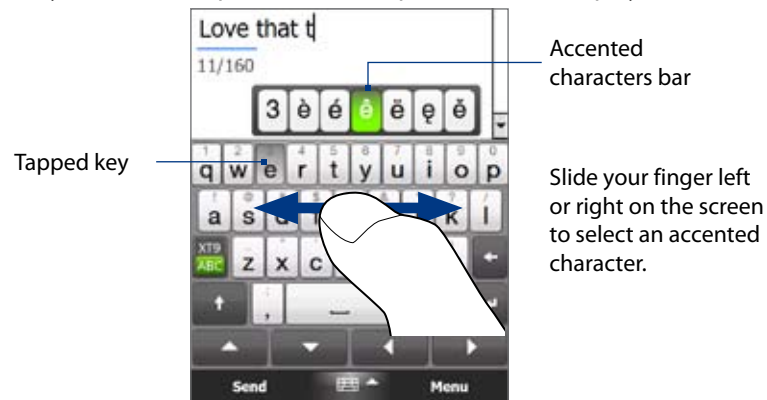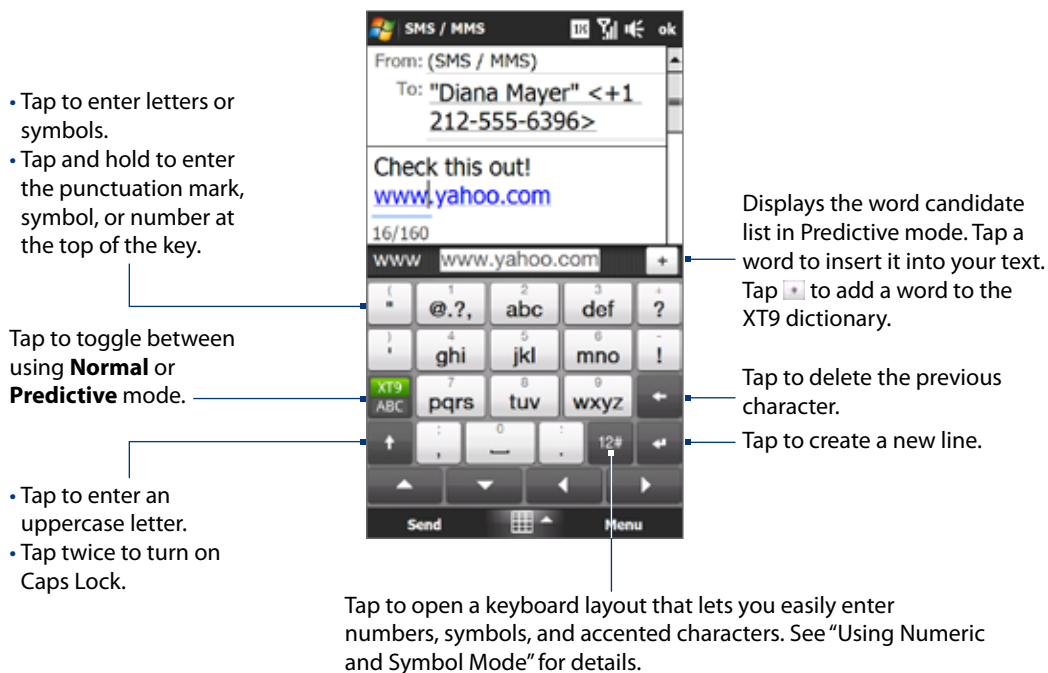
2. Slide your finger left or right on the screen to select the accented character you want to enter.
3. When you have selected the character, release your finger to enter it.

   Tip   You can also use the Numeric and Symbol mode to enter accented characters. For more information, see "Using Numeric and Symbol Mode" in this chapter for details.

4.4 Using the Phone Keypad

The **Phone Keypad** is an on-screen keypad that has a layout similar to mobile phone keypads, plus some additional keys. The Phone Keypad has large keys and enhanced input features such as predictive text input, which make it faster for you to enter text in your messages and documents.

• Tap to enter letters or symbols.
• Tap and hold to enter the punctuation mark, symbol, or number at the top of the key.

Tap to toggle between using **Normal** or **Predictive** mode.

• Tap to enter an uppercase letter.
• Tap twice to turn on Caps Lock.

Displays the word candidate list in Predictive mode. Tap a word to insert it into your text. Tap to add a word to the XT9 dictionary.

Tap to delete the previous character.

Tap to create a new line.

Tap to open a keyboard layout that lets you easily enter numbers, symbols, and accented characters. See "Using Numeric and Symbol Mode" for details.

To enter text using the Phone Keypad

1. Start a program that accepts text input, such as Word Mobile.

2. Tap the **Input Selector** arrow, then tap **Phone Keypad**.

3. When in multitap mode ( ), enter a character by tapping a key until the desired character is displayed on the screen. As you tap the keys, the activated key displays just above the tapped key.

   - To enter the first letter that shows on a key, tap the key once. To enter the second letter, tap twice, and so on.

   - To enter a punctuation mark, symbol, or number that appears at the top of a key, tap and hold the key.

Note You can also use the Predictive text input mode in Phone Keypad. For more information, see "Using Predictive Mode" in this chapter.

4.5 Using Predictive Mode

XT9 is a predictive text input mode which displays a word candidate list as you enter the first few characters so you just select the word that you want.

To enter text using Predictive mode

1. Make sure that the input mode is set to XT9 ( ).

2. Start entering the first few letters of a word. As you enter each letter, predicted words appear in the word candidate bar.

3. Tap the desired word to enter. If the word is highlighted in the word candidate bar, you can also tap the Enter key or the Space bar to enter it.

   Note If there are several words to choose from, touch the left or right directional arrow keys below the input panel to navigate through the word candidate list.

To add a word to the XT9 dictionary

If the word that you have entered is not found in the dictionary, you can add it to the dictionary.

1. While in Predictive mode, type a letter and then tap on right side of the word candidate list.

2. Type the word you want to add, and then tap . You can also tap the Enter key or the Space bar to add the word.
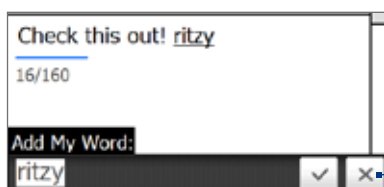

Cancel word addition.
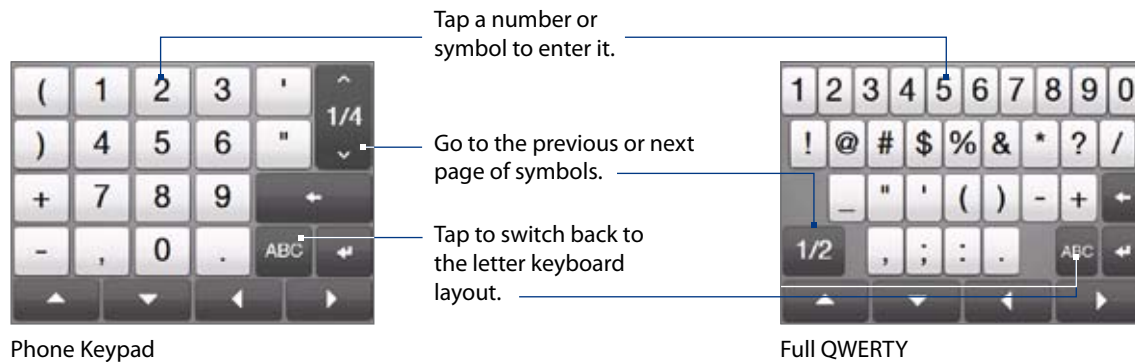
To customize Predictive mode settings

1. Tap the **Input Selector** arrow, then tap **Touch Input Settings**.

2. On the **XT9 Settings** tab, select or clear the following options according to your preferences:

   - **Spell Correction**. Lets you correct typographical errors by selecting from a list of possible words that reflect the characters of the keys you have tapped as well as characters of nearby keys.

   - **Word Completion in XT9 mode**. Lets you select from a list of possible words based on the keys that you have tapped and on the words available in the dictionary.

   - **Word Completion in ABC mode (For Phone Keypad only)**. Lets you select from a list of possible combinations based on the characters that appear on the keys that you tapped.

   - **Auto-Substitution**. Automatically inserts an apostrophe when you type common contracted words (for example, "dont" automatically becomes "don't").

3. Tap **OK**.

4.6 Using Numeric and Symbol Mode

Switch to Numeric and Symbol mode to easily enter numbers and common symbols such as parentheses, braces, currency signs, punctuation marks, and special characters.

To switch to Numeric and Symbol mode

1. While using Full QWERTY or Phone Keypad, tap [123].
2. Locate and tap the desired number or symbol to enter it.

Tap a number or symbol to enter it.

Go to the previous or next page of symbols.

Tap to switch back to the letter keyboard layout.

Phone Keypad   Full QWERTY

To automatically switch to the letter keyboard layout

By default, the keyboard in Numeric and Symbol mode is locked so you can continuously enter symbols and numbers. Do the following if you want to automatically switch to the letter keyboard layout after entering a symbol.

1. Tap the **Input Selector** arrow and then tap **Touch Input Settings**.
2. On the **Options** tab, clear **Turn on symbol lock**.
3. Tap **OK**.

Chapter 5
Synchronizing Information

5.1 About Synchronization

You can take information from your computer wherever you go by synchronizing it to your device. The following types of information can be synchronized between your computer and your device:

- **Microsoft® Office Outlook® information** — Office Outlook e-mail, contacts, calendar, tasks, and notes
- **Notes created using Microsoft® Office OneNote®** 2007
- **Media** — Pictures, music, and video
- **Favorites** — Website addresses you save as Favorites in Pocket Internet Explorer on your device or in the Mobile Favorites folder of Internet Explorer on your computer.
- **Files** — Documents and other files

Tips • You can also synchronize Outlook e-mail, contacts, calendar, and tasks on your device with the Exchange Server at your work. For more information about setting up your device to synchronize with the Exchange Server, see Chapter 7.
- Try to synchronize regularly in order to keep information up-to-date on both your device and your computer.

Before you can synchronize, you need to install and set up first the synchronization software on your computer. For more information, see "Setting Up Windows Mobile Device Center on Windows Vista®" and "Setting Up ActiveSync® on Windows® XP" in this chapter.

After installing the synchronization software on your computer, connect the device to your computer using the USB sync cable. When the Connect to PC screen appears on your device, touch **ActiveSync**, and then touch **Done**.

You can also synchronize information with your computer using Bluetooth. See "Synchronizing via Bluetooth" later in this chapter.

Notes • ActiveSync or Windows Mobile Device Center only synchronizes data on your computer and device. If you have installed a storage card and you want to back up files from the storage card, use Windows Explorer on your computer to copy files from the storage card to your computer.
- If you are sending your device for repair or performing a hard reset, data from your device will be lost. It is recommended that you sync your device to your computer to back up your files. To back up files from the storage card to your computer, use Windows Explorer to copy files from the storage card to the computer.

5.2 Setting Up Windows Mobile® Device Center on Windows Vista®

Microsoft Windows Mobile® Device Center is the replacement for Microsoft® ActiveSync® on Windows Vista®. Some versions of Windows Vista® come with Windows Mobile Device Center already installed. If Windows Mobile Device Center is not available on your Windows Vista®, you can install it from the Getting Started Disc that came with your device.

Setting up synchronization in Windows Mobile Device Center

When you connect your device to your computer and start Windows Mobile Device Center for the first time, you are asked to create a Windows Mobile partnership with your device. To create a partnership:

1. Connect your device to your computer. Windows Mobile Device Center configures itself, then opens.
2. On the license agreement screen, click **Accept**.
3. On the Windows Mobile Device Center's Home screen, click **Set up your device**.

> **Note** Choose **Connect without setting up your device** if you only want to transfer media files, check for updates, and explore your device but not synchronize Outlook information.

4. Select the items you want to synchronize, then click **Next**.

5. Enter a device name, then click **Set Up**.

When you finish the setup wizard, Windows Mobile Device Center synchronizes your device automatically. Outlook e-mail messages and other information appear on your device after synchronization.

Using Windows Mobile Device Center

To open Windows Mobile Device Center, click **Start > All Programs > Windows Mobile Device Center** on your Windows Vista computer.

On Windows Mobile Device Center, you can do the following:

- Click **Mobile Device Settings** to change synchronization settings.
- When you click **Pictures, Music and Video > XX new pictures/video clips are available for import**, a wizard guides you to tag and transfer photos from your device to the Photo Gallery on your computer.
- Click **Pictures, Music and Video > Add media to your device from Windows Media Player** to synchronize music and video files using Windows Media® Player. For more information, see "Using Windows Media® Player Mobile" in Chapter 11.
- Click **File Management > Browse the contents of your device** to view documents and files on your device.

Note   See Windows Mobile Device Center Help for more information.

5.3 Setting Up ActiveSync® on Windows® XP

On a Windows® XP computer, you need to use Microsoft ActiveSync® 4.5 or later. If you do not have this software on your computer, you can install it from the Getting Started Disc that came with your device.

Setting up synchronization in ActiveSync

1. Connect your device to your computer. The Synchronization Setup Wizard automatically starts and guides you to create a synchronization partnership. Click **Next** to proceed.
2. To synchronize your device with your computer, clear the **Synchronize directly with a server running Microsoft Exchange** check box, then click **Next**.
3. Select the information types that you want to synchronize, then click **Next**.
4. Select or clear the **Allow wireless data connections** check box according to your preference.
5. Click **Finish**.

When you finish the wizard, ActiveSync synchronizes your device automatically. Outlook e-mail messages and other information appear on your device after synchronization.

5.4 Synchronizing With Your Computer

Connect and synchronize your device with your computer using the USB cable or Bluetooth connection.

Starting and stopping synchronization

You can manually synchronize either from your device or computer.

From your device

- Tap **Start > Settings**, and then touch **Sync Data**; or
- Tap **Start > ActiveSync**, and then tap **Sync**. To end synchronization before it completes, tap **Stop**.

Tip To delete a partnership with one computer completely, disconnect your device from that computer first. In ActiveSync on your device, tap **Menu > Options**, tap the computer name, then tap **Delete**.

From Windows Mobile Device Center

1. Click **Start > All Programs > Windows Mobile Device Center**.
2. Click at the lower left of the Windows Mobile Device Center.

   To end synchronization before it completes, click .

From ActiveSync on your computer

When you connect your device to your computer, ActiveSync automatically opens on your computer and synchronizes.

- To manually start synchronization, click .
- To end synchronization before it completes, click .

Selecting information to synchronize

You can select the information types and the amount of information to synchronize for each type either on your device or your computer. Follow the steps below to change synchronization settings on your device.

Note Before changing synchronization settings on your device, disconnect it from your computer.

1. In ActiveSync on your device, tap **Menu > Options**.
2. Select the check box for any items you want to synchronize. If you cannot select a check box, you might have to clear the check box for the same information type elsewhere in the list.
3. To change synchronization settings for an information type, for instance, **E-mail**, select it and tap **Settings**. You can then set the download size limit, specify the time period of information to download, and more.

Notes • Some information types such as Favorites, Files and Media cannot be selected in ActiveSync Options on your device. You can only select or clear these items from your computer's Windows Mobile Device Center or ActiveSync.

• A computer can have sync partnerships with many different Windows Mobile powered devices, but a device can have sync partnerships with at most two computers. To ensure that your device synchronizes properly with both computers, set up the second computer using the same synchronization settings you used on the first computer.

• Outlook e-mail can be synchronized with only one computer.

Troubleshooting sync connection problem

In some cases, when the computer connects to the Internet or a local network, it may disconnect the connection with your device in favor of the Internet or network connection.

If this happens, tap **Start > Settings**, and then tap **All Settings**. Tap **Connections** tab **> USB to PC**, then clear the **Enable faster data synchronization** check box. This makes your computer utilize a serial USB connection with your device.

5.5 Synchronizing via Bluetooth

You can connect and synchronize your device with the computer using Bluetooth.

Note To connect and synchronize your device with a computer via Bluetooth, your computer must have a built-in Bluetooth or installed with a Bluetooth adapter or dongle.

To synchronize with a computer via Bluetooth

1. Set up Windows Mobile Device Center or ActiveSync on your computer to synchronize through Bluetooth. See the program's Help for instructions.

2. Make sure that Bluetooth on both your device and the computer is turned on and set to visible mode. See "Bluetooth Modes" in Chapter 9 for details.

3. If this is the first time you have connected to this computer via Bluetooth, you must first set up a Bluetooth partnership between your device and the computer. For more information about creating a Bluetooth partnership, see "Bluetooth Partnerships" in Chapter 9.

4. On your device, tap **Start > ActiveSync**.

5. Tap **Menu > Connect via Bluetooth**.

Note To conserve battery power, turn off Bluetooth when not in use.

5.6 Synchronizing Music and Video

If you want to carry your music or other digital media along with you while you travel, set up Windows Media® Player on your computer to synchronize music and video with your device.

Other than selecting the **Media** information type to be synchronized, all media synchronization settings must be set in Windows Media® Player. Before media can be synchronized, you must do the following:

• Install Windows Media® Player Version 11 on your computer. (Windows Media® Player 11 works only in Windows XP or later versions).

• Connect your device to the computer with a USB cable. If your device is currently connected using Bluetooth, you must end that connection before media can be synchronized.

• Set up a sync partnership between your device and your computer's Windows Media® Player.

See "Using Windows Media® Player Mobile" in Chapter 11 for details.

Chapter 6
Exchanging Messages

6.1 Messaging

Messaging is a central location where you can find all types of messaging accounts, which include text messages (SMS) and e-mail accounts.

To select a messaging account

Do one of the following:

- Tap **Start > All Applications > Messaging**. The Account Picker screen then opens and you can select an account.
- While you are in a message list of a certain account, for example SMS/MMS, tap **Menu > Go To** to switch to other messaging accounts.

To configure message account settings

- Tap **Menu > Options** on the Account Picker screen; or
- Tap **Menu > Tools > Options** while you're in a message list.
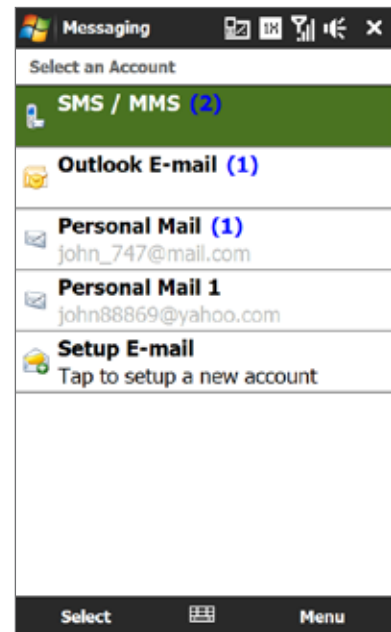
Account Picker screen

To automatically add a signature in outgoing messages

You can automatically add your name and other information as your signature in outgoing text and e-mail messages:

Note   You need to specify your signature for each type of messaging account.

1. Tap **Start > All Applications > Messaging**, and then tap **Menu > Options**.
2. Tap **Signatures**.
3. Select the desired account.
4. Select the **Use signature with this account** check box.
5. In the text box, enter your signature.
6. To add the signature when you reply to or forward messages, select the **Use when replying and forwarding** check box, and then tap **OK**.

To filter the Inbox message list

When the SMS/MMS or e-mail Inbox on your device is full of messages, you can filter your Inbox to display only the messages that contain a particular sender or subject you are searching for.

To filter your Inbox

1. Tap **Start > All Applications > Messaging** and then tap a messaging account.

2. Enter the sender name or e-mail subject you want to look for. As you type characters, the message list narrows down to the sequence of characters you have entered.

   When filtering your e-mail Inbox, for example, entering "B", then "E" narrows the list to only the e-mail messages that contain sender names and e-mail subjects that start with "BE."
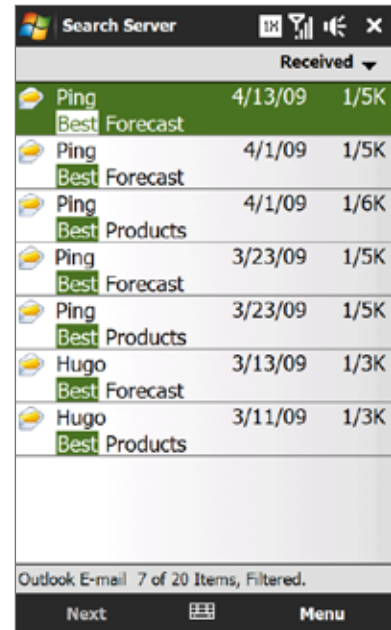
6.2 Text Messages

Send short text messages (SMS) to other mobile phones. If your message is more than 160 characters, it will be sent as two or more separate messages and you will be billed accordingly.

Creating and sending a new text message

1. On the Home screen, slide to the **Messaging** tab.

2. Touch the **New Message** icon ( ) on the upper right side of the screen.

3. To add recipients, enter their mobile phone numbers in the **To** field, separating the numbers with a semicolon (;). You can also tap **To** or tap **Menu > Add Recipient** to add mobile phone numbers from Contacts.

4. Enter your message.

   Tips • To choose from preset messages, tap **Menu > My Text** and tap a desired message.

   • To check the spelling, tap **Menu > Spell Check**.

5. When finished, tap **Send**.

Managing text messages from a contact

You can easily read, reply or delete text messages that you received from a certain contact by opening his or her contact details and accessing the Messaging tab.

1. On the TouchFLO 3D Home screen, slide to the **My Favorites** tab.

2. Touch **All Contacts**, and then touch the name of the desired contact.

3. The Contact Details screen then appears. Touch the **Messages** tab ( ).

Lists the exchange of text messages between you and the contact.

Enter your reply here and then touch **Send**.

Touch **Menu** to forward a text message, delete messages, and more.
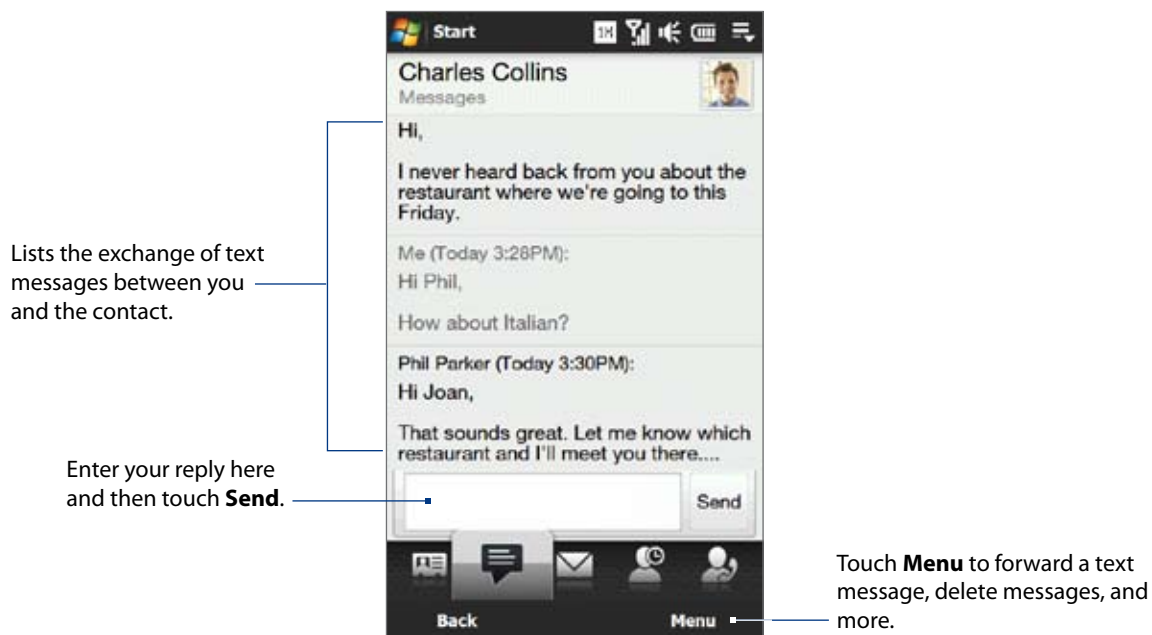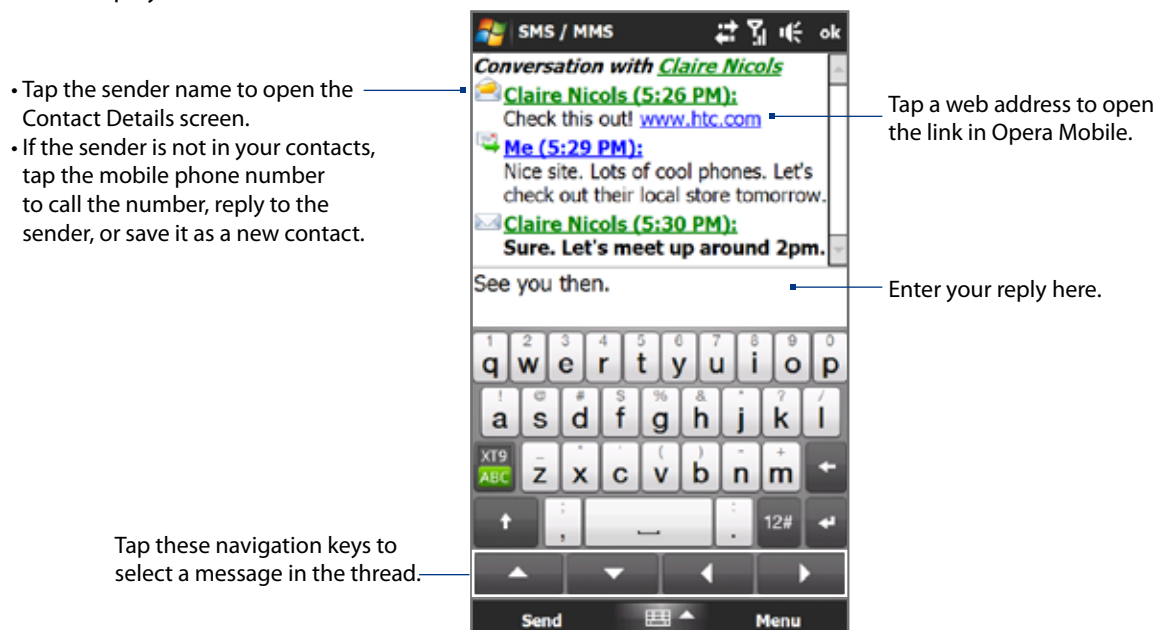
Managing text messages in the Inbox

Text messages that are sent to and received from a contact (or number) are grouped as a single thread in your Inbox. Threaded text messages show your messages to and from a contact in a single conversation thread.

To open a thread and view the exchange of text messages

1. In the SMS / MMS Inbox, tap a message thread to open it.
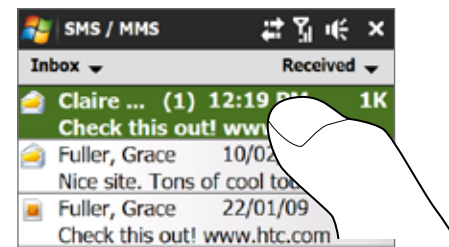
2. You can tap links in the messages to directly open contact details, access a web site, send e-mail, or call the displayed number.

• Tap the sender name to open the Contact Details screen.
• If the sender is not in your contacts, tap the mobile phone number to call the number, reply to the sender, or save it as a new contact.

Tap a web address to open the link in Opera Mobile.

Enter your reply here.

Tap these navigation keys to select a message in the thread.

To reply to a text message

At the bottom of the screen, type your reply message and then tap **Send**.

To delete a message in the thread

1. In the SMS / MMS Inbox, tap a message thread to open it.
2. Tap the up or down navigation key at the bottom of the on-screen keyboard to select a message in the thread.
3. Tap **Menu > Delete**.

To delete all messages in a thread

In the SMS / MMS Inbox, tap and hold a message thread, and then tap **Delete**.

Placing a call to the sender of a text message

While reading a text message, you can directly call the sender by pressing the TALK/SEND button. See "Making a call from a text message" in Chapter 2 for details.

Changing the message list layout

By default, the Text Messaging inbox is in Threaded mode. When text messages are threaded, there are certain functions that cannot be used, such as marking messages as unread, forwarding, and moving text messages to other mailbox folders.

You can change the Text Messaging inbox to Classic mode so that each text message will be individually stored in the inbox and you can use the above-mentioned functions with your text messages.

To change the Text Messaging inbox to Classic mode:

1. Tap **Start > Settings**, and then tap **All Settings**.
2. Tap **System** tab **> Text Messaging**.
3. In Text messaging layout, select **Classic**.
4. Restart your phone.

6.3 MMS

Sending multimedia messages (MMS) to your friends and family is fun and easy. You can include pictures, text, and audio clips in a **Picture** message, and you can include MMS video and text in a **Video** message.

Notes • Multimedia messaging is a charged service and has to be provisioned on your mobile phone account. Contact Verizon to have MMS provisioned as part of your calling plan.
  • Make sure the size of MMS messages that you send is within the limits allowed by Verizon.

To configure MMS message settings

1. Tap **Start > All Applications > Messaging > SMS / MMS**.
2. Tap **Menu > MMS Options**. The Settings screen then appears.
3. In the **Preferences** tab, choose from the available options according to your needs.
4. Tap **OK**.

Creating and sending MMS messages

You can compose MMS messages in a combination of slides, where each slide can consist of a photo, video or audio clip, and/or text.
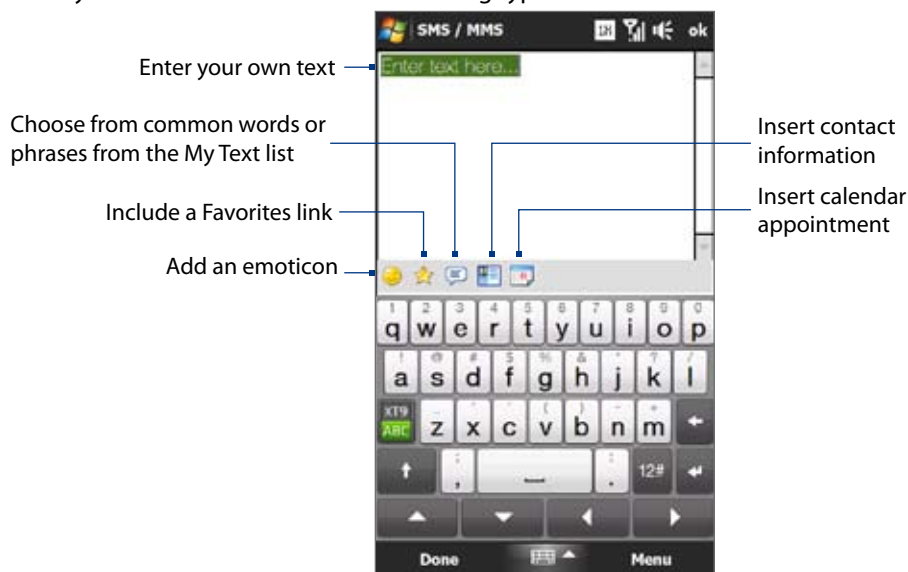
To compose an MMS message

1. Tap **Start > All Applications > Messaging > SMS / MMS**.
2. In the SMS / MMS Inbox, do one of the following:
   • Tap **Menu > New > Video Message** to create an MMS message containing video and text.
   • Tap **Menu > New > Picture Message** to create an MMS message containing images, audio, and text.

3. In **To**, enter the recipient's phone number or e-mail address directly, or tap **To**, **Cc**, or **Bcc** to choose a phone number or an e-mail address from Contacts.

   Note You may need to scroll up to see the Cc and Bcc fields.

4. Enter a subject for your message.

5. Tap the **Insert** icon ( )to insert a photo or video clip. When selecting a photo or video clip, you can:

   - Tap a photo to insert it into the Picture message.
   - Tap a video clip to insert it into the Video message.
   - Tap to take a photo and insert it into the Picture message.
   - Tap to record MMS video and insert it into the Video message.
   - Tap to quit selection and return to the Picture or Video message.

6. Enter text and insert audio clips by tapping the respective areas. See "To add text to a Picture or Video message" and "To add an audio clip to a Picture message" for details.

7. To add more slides, tap or tap **Menu > Slides > Insert Slide**. Repeat steps 5 and 6 to add photos/videos, text, and audio to your slides.

8. Tap **Send** to send the MMS message.

Tip   You can also send an MMS message from Pictures & Videos, Album, or the Camera program.

To add text to a Picture or Video message

When you tap **Insert text here** on your Picture or Video message, an empty screen appears where you can enter your text. You can insert the following types of information:

Enter your own text

Choose from common words or phrases from the My Text list

Include a Favorites link

Add an emoticon

Insert contact information

Insert calendar appointment

Tip   To edit or delete a phrase on the My Text list, tap and hold a string, and then tap **Edit** or **Delete** from the shortcut menu. To add a new phrase, tap **New**.

To add an audio clip to a Picture message

You can add one audio clip per slide in your Picture message.

1. Tap **Insert audio** on your Picture message.

   By default, the My Documents is shown. Tap My Music or another folder that contains audio files. When navigating folders, tap the down arrow ( ) to return to the upper folder.

2. Select an audio file. When selected, you can:

   - Tap to play the audio clip, to pause, or to stop playback.
   - Tap **Select** to insert it to the MMS message.
   - Tap to quit selection and return to your MMS message.

Note   To record a new audio clip and add it to your MMS message, tap [icon]. The Record pop-up window then opens. Tap **Record** to start recording, and **Stop** to end the recording. Tap **Play** to listen to the recorded audio clip, then tap **Add**. The new audio clip is then inserted to the MMS message.

Viewing and replying to MMS messages

To view a received MMS message

1. In the SMS / MMS Inbox, tap a received video or picture message to open it.
2. The video message is then played, or the picture message is displayed. Use the playback controls at the bottom of the screen to stop or resume playback, display in full screen, and switch between slides if there are several slides contained in the message.
3. Tap **Contents** to see a list of files included in the message. On the Message Contents screen, you can do the following:
   - To save a file, select it, and tap **Menu > Save**.
   - To save the contents of a text file to the My Text list, tap **Menu > Save into My Text**.
   - To associate a photo to one of your contacts, tap **Menu > Assign to Contact**.

To reply to an MMS message

1. In the SMS / MMS inbox, highlight a received video or picture message. To highlight a message, open the hardware keyboard or an on-screen keyboard and use the Up or Down button to highlight.
2. Tap **Menu > Reply**.
3. Select whether to reply using a video message or picture message, and then tap **Done**.
4. Compose your video or picture message, and then tap **Send**.

To block a phone number from sending you MMS messages

If you do not want to receive MMS messages from a particular sender, you can add the sender's phone number to the MMS Blacklist.

1. When you receive a new MMS message, open and view the message.
2. To avoid receiving MMS messages from this sender next time, tap **Menu > Show > Contact Details**.
3. Tap **Menu > Save to Blacklist**.
4. Tap **Done**.

Tip   To unblock a phone number and allow the sender to send you MMS messages, remove the number from the Blacklist. Go to the SMS / MMS Inbox, tap **Menu > MMS Options > Blacklist** tab, tap and hold the phone number in the Blacklist, and then tap **Delete**.

6.4 E-mail

You can set up the following types of e-mail accounts on your device:

- Outlook e-mail that you sync with your computer or the Exchange Server.
- E-mail account that you have from an Internet Service Provider (ISP) or other e-mail provider.
- Web-based e-mail accounts such as Yahoo!® Mail Plus, AOL®, and others.
- Custom domain e-mail accounts. The e-mail domain name is hosted by a different e-mail provider. For more information, search for "custom domain e-mail" in the Help on your device.
- Work account that you access using a VPN connection.

Synchronizing Outlook e-mail with your computer

If you have installed the synchronization software on your computer and created a partnership with your device, then your device is ready to send and receive Outlook e-mail.

If you have not yet installed the synchronization software nor created a partnership, do so by following the procedures in Chapter 5.

Tip   To set up your company e-mail account so that you can access Outlook e-mail messages wirelessly, you must set up your device to synchronize via an over-the-air connection with your company's Exchange Server. For more information about synchronizing with your company e-mail server, see Chapter 7.

Setting up an Internet e-mail account

Use Windows Mobile's E-mail Setup Wizard to set up a POP3 or IMAP4 e-mail account on your device if you have an e-mail account from an Internet service provider (ISP) or other e-mail service provider, or a web-based account such as Yahoo! Mail Plus or AOL. You can also add a work account that you access using a VPN server connection as a POP3/IMAP4 account.

Note   You can also set up an Internet e-mail account from the TouchFLO 3D Email tab using the simplified Mail Setup. See "Email" in Chapter 3 for details.

1. Tap **Start > All Applications > Messaging > Setup E-mail**.
2. Enter your **E-mail address** and the **Password** for your e-mail account and select the **Save password** option. Tap **Next**.
3. If e-mail provider settings are found preconfigured on your device, the E-mail Setup wizard shows a successful message. Tap **Next**.

   If the settings are not found on your device, select the **Try to get e-mail settings automatically from the Internet** check box to find and download e-mail server settings from the Internet and then tap **Next**.

   Note You may be charged when your device connects to the Internet and downloads the e-mail server settings.
4. Enter **Your name** and the **Account display name** and then tap **Next**.

   Note If the E-mail Setup wizard was unsuccessful in finding and downloading settings from the Internet, select **Internet e-mail** from the **Your e-mail provider** list on the next screen. You will be asked to enter e-mail server settings. See "To specify e-mail server settings" for details.
5. In the **Automatic Send/Receive** list, choose how often you want e-mail messages to be automatically sent and downloaded on your device.

   Note Tap **Review all download settings** to select download options, set the e-mail format as HTML or plain text, and more. For more information, see "To customize download and format settings."
6. Tap **Finish**.

To specify e-mail server settings

If Auto Setup is unsuccessful, contact your ISP or e-mail provider for the **Incoming mail server** and **Outgoing mail server** settings so you can enter them on your device.

Other options that you can select include the following:

- Select the **Outgoing server requires authentication** check box, if required by your provider.
- If the outgoing e-mail server requires a different user name and password for sending e-mail, clear the **Use the same user name and password for sending e-mail** check box. You will be prompted to enter this information.
- Tap **Advanced Server Settings**, then select the **Require SSL** check boxes if your e-mail provider uses an SSL connection for more secured e-mail. From the **Network connection** list, select the data connection that you use for connecting to the Internet.

To customize download and format settings

Before you tap **Finish** when setting up your POP3 or IMAP4 e-mail account, you can tap the **Review all download settings** link at the bottom of the screen to choose download options, message format, and other settings.

Options	Description
Automatic Send/Receive	Select a time interval for connecting to the Internet automatically to send and receive messages.
Download messages	Set the number of days of messages that you want to be downloaded to your device.
Send/receive when I click Send	By default, messages are immediately delivered when you tap **Send**. If you prefer to save outgoing messages to the Outbox folder first, clear the check box. (In this case, you will need to manually send messages by tapping **Menu > Send/Receive**).
Use automatic send/receive schedule when roaming	This allows your device to data roam when there is a set time interval for connecting to the Internet automatically. Since this may result in higher connection costs, you may want to leave the check box cleared.
When deleting messages	Choose whether to delete messages from the mail server when you delete them on your device.
Message format	Select HTML or Plain Text.
Message download limit	Select the e-mail download size. If you have large volumes of e-mail, use a lower size or select to download headers only.

Creating and sending an e-mail message

After setting up e-mail accounts on your device, you can start sending and receiving e-mail messages.

1. On the TouchFLO 3D Home screen, slide to the **Email** tab.
2. At the right side of the screen, tap an e-mail account you want to use, or slide your finger up or down until you have selected the desired account.
3. Touch the **New E-mail** icon ( ).
4. To add recipients, enter their e-mail addresses, separating them with a semicolon (;). You can also tap **To** if you want to add e-mail addresses stored in Contacts.
5. Enter a subject and compose your message.

   Tips • To choose from preset messages, tap **Menu > My Text** and tap a desired message.
   • To check the spelling, tap **Menu > Spell Check**.

6. To add an attachment to your message, tap **Menu > Insert** and tap the item you want to attach: **Picture**, **Voice Note**, or **File**. Select the file or picture you want to attach, or record a voice note.
7. When finished composing the message, tap **Send**.

Tips • For more information about entering text and symbols, see Chapter 4.
  • To set the message priority, tap **Menu > Message Options**.
  • If you are working offline, e-mail messages are moved to the Outbox folder and will be sent the next time you connect.

Viewing and replying to e-mail messages

To view an e-mail message

1. On the TouchFLO 3D Home screen, slide to the **Email** tab, select the e-mail account, and then tap **Inbox**.

2. Tap an e-mail to open it.

To download a complete e-mail

By default, long e-mail messages that you receive contains only the first few kilobytes of the message. When you open an e-mail, it displays only the headers and part of the message. You must download the whole e-mail to view the complete content.

To download a complete e-mail message, open the e-mail, and then do one of the following:

• Finger-scroll to the end of the message, and tap **Get entire message and any attachments** (POP3 e-mail account) or tap **Get the rest of this message** (IMAP4 and Outlook e-mail accounts).

• Tap **Menu > Download Message**.

Notes • The Fetch Mail feature, which is available for POP3 and IMAP4 Internet e-mail accounts, downloads an entire e-mail without the need for you to perform a full synchronization. This limits the download to just the e-mail message that you want and helps save data cost.
  Fetch Mail is also available for Outlook E-mail. See "Instant download through Fetch Mail" in Chapter 7 for details.
  • Download may take some time, depending on the speed of your Internet connection, size of the whole e-mail, and whether file attachments are automatically downloaded.

To download file attachments

• **POP3 e-mail account:**
  File attachments are automatically downloaded when you download a complete e-mail.

• **IMAP4 and Outlook e-mail accounts:**
  File attachments appear below the subject of an e-mail message. Tapping an attachment opens the attachment if it has been fully downloaded or marks it for download the next time you send and receive e-mail.

  You can set automatic download of file attachments. See "Customizing e-mail settings" in this chapter for details.

To reply to or forward a message

1. On the TouchFLO 3D Home screen, slide to the **Email** tab, select the e-mail account, and then tap **Inbox**.

2. Open the message and tap **Menu > Reply**, **Menu > Reply All**, or **Menu > Forward**.

3. Enter your reply message, and then tap **Send**.

Notes • You can receive and view HTML e-mail messages from any type of e-mail account. The HTML format is retained, without layout shifting or resizing. HTML e-mail support in Outlook Mobile is available only if you are synchronizing your device with Microsoft Exchange Server 2007.

  • When replying using an Outlook e-mail account, you can customize ActiveSync to exclude addresses, including your own, from being added to the recipient list. Tap **Menu > Options** in ActiveSync, select the **E-mail** item, tap **Settings**, and then tap **Advanced**. In the **My e-mail addresses** text box, enter the e-mail addresses that you want to exclude.

Directly making calls from an e-mail

While reading an e-mail, you can directly place a call to the sender, start a conference call, access contact details, and more.

• Tap the sender photo or name to open the Contact Details screen.
• If the sender is not stored in your contacts, tap the e-mail address to send e-mail or save it as a new contact.

Tap this **Talk** button to call the sender.

• Tap a recipient name to open his or her contact details.
• Tap a recipient's e-mail address to send e-mail or save it as a new contact.

Tap links in the message body to access a web site, send e-mail, or call the displayed number.
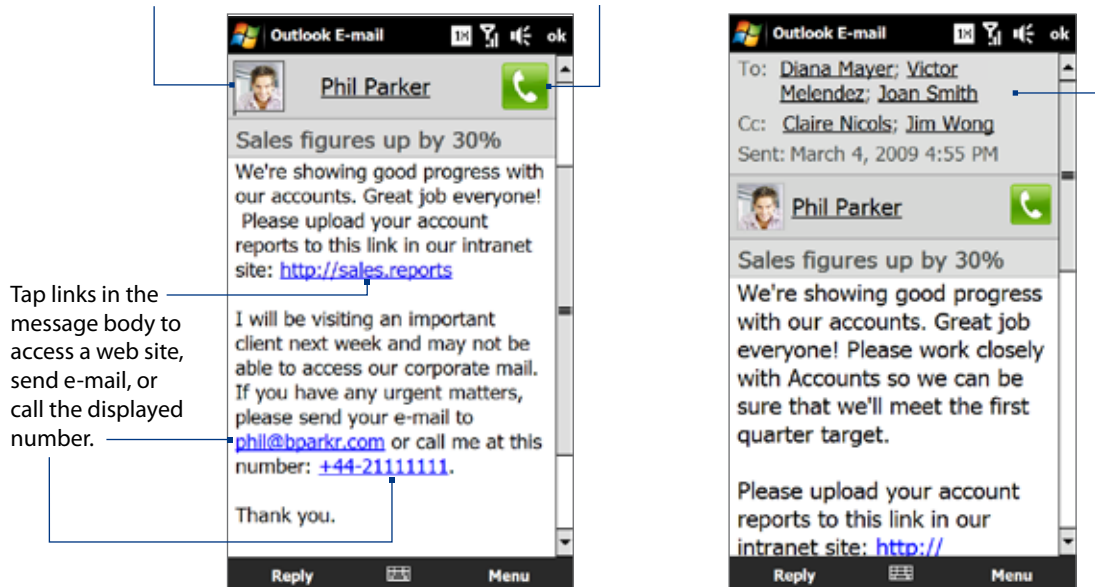
Note If the sender's name or e-mail address is shown on the e-mail message with a **Search** button ( ) and you have an Exchange Server e-mail account set up on your device, you can tap this button to search for the sender from the Company Directory. For more information about finding contacts in the Company Directory, see Chapter 7.

Synchronizing e-mail messages

Synchronizing e-mail messages ensures that new e-mail messages are downloaded to the device Inbox folder, e-mail messages in the Outbox folder are sent, and e-mail messages deleted from the server are removed from your device. The manner in which you synchronize e-mail messages depends on the type of e-mail account you have.

To automatically synchronize an Outlook e-mail account

1. Connect your device to your computer through USB or Bluetooth.

   Otherwise, connect through Wi-Fi, or a data connection if you are synchronizing Outlook e-mail with the Exchange Server. For more information, see Chapter 7.

2. Synchronization automatically begins, and your device sends and receives Outlook e-mail.

To manually synchronize your Outlook or Internet e-mail account

On the TouchFLO 3D Home screen, slide to the **Email** tab, select the e-mail account, and then tap **Menu > Send/Receive**.

Customizing e-mail settings

To change the download size and format for Outlook e-mail

1. Disconnect your device from the computer.
2. Tap **Start > ActiveSync**.
3. Tap **Menu > Options**, select **E-mail**, then tap **Settings**.
4. On the E-mail Sync Options screen:
   - Under **Message format**, select HTML or Plain Text. HTML is only available when connected to Microsoft Exchange Server 2007 or later.
   - Under **Download size limit**, select the desired e-mail size.
5. Close ActiveSync and reconnect your device to the computer.

To change the download size and format for Internet e-mail

1. Tap **Menu > Options** on the Account Picker screen, or tap **Menu > Tools > Options** while you're in a message list.
2. Tap your POP3 or IMAP4 Internet e-mail account.
3. Tap **Download Size Settings**.
4. Under **Message format**, select HTML or Plain Text.
5. Under **Download size limit**, select the desired e-mail size.
6. Tap **Done**.

To automatically receive attachments on Outlook e-mail messages

1. Tap **Start > ActiveSync**.
2. Tap **Menu > Options**.
3. Tap **E-mail > Settings**, and then select **Include file attachments**.

To automatically receive attachments on IMAP4 e-mail messages

1. Tap **Menu > Options** on the Account Picker screen, or tap **Menu > Tools > Options** while you're in a message list.
2. Tap the name of your IMAP4 e-mail account.
3. Tap **Download Size Settings**.
4. In **Download attachments**:
   - Select All attachments to always download file attachments; or
   - Select a file size limit for auto-downloading attachments.
5. Tap **Done**.

To store attachments on the storage card

1. Tap **Start > All Applications > Messaging**.
2. Tap **Menu > Options > Storage** tab.
3. Select the **When available, use this storage card to store attachments check box.**

Chapter 7
Working With Company E-mail and Meeting Appointments

7.1 Synchronizing with the Exchange Server

To keep up-to-date with your company e-mail messages and meeting schedules while you're out of the office, you can connect your device to the Internet through Wi-Fi or a data connection and synchronize with your company's Exchange Server.

Setting up an Exchange Server connection

Before you can synchronize or access information on the Exchange Server, you need to set up an Exchange Server connection on your device. You need to get the Exchange Server name (must be Outlook Web Access server name), domain name, user name, and the password that you use at work from your network administrator and enter them on your device.

Note You can set up an Outlook e-mail account that synchronizes with the Exchange Server from the TouchFLO 3D Email tab using Mail Setup. See "Email" in Chapter 3 for details.

If you have not synchronized your device with your computer, follow these steps to set up an Exchange Server connection.

1. Tap **Start > All Applications > Messaging > Setup E-mail**.
2. Enter the **E-mail address** and **Password** for the e-mail account and select the **Save password** option. Tap **Next**.
3. Clear the **Try to get e-mail settings automatically from the Internet** option and tap **Next**.
4. In **Your e-mail provider**, select **Exchange server** and tap **Next**.
5. Tap **Next** again.
6. Select the **Attempt to detect Exchange Server Settings automatically** option and tap **Next**.
7. Enter the **Domain** name and tap **Next**.
8. In **Server address**, enter the Exchange Server address and tap **Next**.
9. Select the items that you want to sync with the Exchange Server.
   Tips • To change synchronization settings of an information item, for example, E-mail, select the item, then tap **Settings**.
   • To change the rules for resolving synchronization conflicts, tap **Menu > Advanced**.
10. Tap **Finish**.

Notes • If you synchronized e-mail messages with your computer before, open ActiveSync on your device, then tap **Menu > Add Server Source** to set up an Exchange Server connection. When prompted to select information types for synchronization, you must first clear the **E-mail** check box under the Windows PC item before you can select **E-mail** under Exchange Server.
• To change Exchange Server settings, open ActiveSync on your device, and then tap **Menu > Configure Server**.

Starting synchronization

Before you start synchronizing with the Exchange Server, make sure your device has been set up with a Wi-Fi or data connection to the Internet so that you can synchronize over the air. For more information about connections, see Chapter 8.

After you finish setting up an Exchange Server connection, your device automatically starts synchronization.

To manually start synchronization, tap **Start > Settings**, and then touch **Sync Data**.

Note If you connect your device to your office computer via a USB or Bluetooth connection, you can use this connection to the computer to "pass through" to the network and download Outlook e-mail messages and other information to your device.

7.2 Working With Company E-mail Messages

Your device gives you instant access to your company e-mail messages and lets you manage your messages easier. Direct Push, Fetch Mail, Remote e-mail search, and e-mail flags are just some of the tools you can use to manage your e-mail messages.

Note   Some messaging features depend on the Microsoft Exchange Server version used in your company. Check with your network administrator for the availability of these features.

Automatic synchronization through Direct Push

Direct Push technology (push e-mail feature) enables you to receive new e-mail messages on your device as soon as they arrive in your Inbox on the Exchange Server. Items such as contacts, calendar and tasks are also immediately updated onto your device when these items have been changed or new entries have been added on the Exchange Server. To make Direct Push work, you need to have a Wi-Fi or data connection on your device.

You need to perform a full synchronization between your device and the Exchange Server before Direct Push can be enabled.

Requirement   The Direct Push feature works for your device only if your company is using Microsoft Exchange Server 2003 Service Pack 2 (SP2) with Exchange ActiveSync or later.

To turn on Direct Push in Comm Manager

1. Tap **Start > Settings**, and then touch **Communications**.

   Tip   You can also tap **Start > All Applications > Comm Manager**.

2. On the Comm Manager screen, touch the OFF/ON slider at the right side of the **Microsoft Direct Push** item.

To turn on Direct Push in ActiveSync

1. Tap **Start > ActiveSync** and then tap **Menu > Schedule**.

2. Select **As items arrive** in the **Peak times** and **Off-peak times** boxes.

Note   When Direct Push is off, you need to manually retrieve your e-mail messages.

Scheduled synchronization

If you do not want to use Direct Push, you can set a regular schedule for synchronizing Outlook e-mail and information.

1. In ActiveSync on your device, tap **Menu > Schedule**.

2. Select from the available options to set the synchronization schedule.

   Tip   You can select a shorter interval in the Peak times box and a longer interval in the Off-peak times box, so that your e-mail messages are synchronized more frequently when you are working. To set the days and hours that make up your peak and off-peak times, tap the **peak times** link at the bottom of the screen.

Instant download through Fetch Mail

The **Fetch Mail** feature downloads an entire e-mail immediately without the need for you to perform a full Send/Receive action. This limits the download to just the e-mail message that you want and helps save data cost.

Requirement   Fetch Mail works for your device only if your company is using Microsoft Exchange Server 2007 or later.

1. Tap **Start > All Applications > Messaging > Outlook E-mail**.

2. Open an e-mail message.

3. By default, only the first few words of the message are shown. To download the whole e-mail, finger-scroll to the end of the message, then tap **Get the rest of this message**.

4. Wait for the remainder of the message body to download.

Notes • For information about changing e-mail sync options such as setting the download size for e-mail, see "Customizing e-mail settings" in Chapter 6.

• When you receive an e-mail that contains a link to a document such as a PDF or Microsoft Office document located on SharePoint or an internal file server, you can tap the link to view the document on your device. You can view the document only if you have a Microsoft Outlook account that synchronizes with Microsoft Exchange Server 2007 or later. Exchange Server must also be set up to allow access to SharePoint document libraries or internal file servers.

Searching for e-mail messages on the Exchange Server

You can access e-mail messages that are not available on your device by searching your Microsoft Exchange Server mailbox. The search results are downloaded and displayed in a Search Results folder.

Requirement Your company must be using Microsoft Exchange Server 2007 or later.

1. Tap **Start > All Applications > Messaging > Outlook E-mail**.
2. Tap **Menu > Tools > Search Server**.
3. In the **Look for** text box, enter the search keyword.
4. Choose the date range of messages to search from.
5. In the **Look in** list, specify whether to search in the **Inbox**, **Sent Items**, or **All Folders**, and then tap **Search**.

Tip   To clear the search results and return to the message list, tap **Menu > Clear Results**.

Flagging your messages

Flags serve as a reminder for you to follow-up on important issues or requests contained in e-mail messages. Flagging messages, which has been a useful feature on desktop Outlook E-mail, can also be done in Outlook Mobile on your device. You can flag received e-mail messages on your device.

Requirement Flags are enabled only if e-mail messages are synchronized with Microsoft Exchange Server 2007 or later. Flags are disabled or hidden if e-mail messages are synchronized with earlier versions of Microsoft Exchange Server.

To flag or unflag a message

1. Tap **Start > All Applications > Messaging > Outlook E-mail**.
2. Select a message.
3. Tap **Menu > Follow Up** and select one of the following options:
   • **Set Flag** Mark the message with a red flag to remind yourself to follow it up.
   • **Complete Flag** Mark the message with a check mark to indicate that the issue or request in the e-mail is already completed.
   • **Clear Flag** Remove the flag to unmark the message.

Note   E-mail message reminders are displayed on your device if the messages are flagged with reminders and synchronized from the Exchange Server.

Out-of-office auto-reply

Outlook Mobile allows you to retrieve and change your out-of-office status. Just like desktop Outlook, Outlook Mobile automatically sends an auto-reply message when you're not available.

To send out-of-office auto-reply messages

1. Tap **Start > All Applications > Messaging > Outlook E-mail**.
2. Tap **Menu > Tools > Out of Office**.
3. In the **I am currently** list, select **Out of the Office**.
4. Enter your auto-reply message, and then tap **Done**.
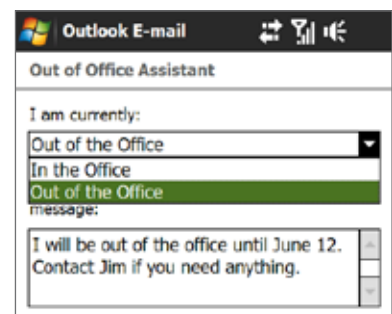
7.3 Managing Meeting Requests

When you schedule and send meeting requests from your device, you can invite attendees to your meeting and check their availability.

When you receive a meeting request, you can reply by accepting or declining the request. The meeting request also clearly indicates whether or not there are conflicting or adjacent meetings.

Requirement Your company must be using Microsoft Exchange Server 2007 or later.

To reply to a meeting request

1. When you receive a meeting request e-mail, a notification is displayed on your device. Open the e-mail.

2. Tap **Accept** to reply and accept the meeting request, or tap **Menu > Decline** if you cannot attend the meeting.

   Tips • Before responding, you can check your availability during the time of the requested meeting by tapping **View your calendar**.

   • If the time of the meeting conflicts with your other appointments, a "Scheduling Conflict" status appears on top of the e-mail.

3. Choose whether or not to edit your response e-mail before sending, then tap **OK**.

   If you accept the meeting request, it is automatically added as an appointment in Calendar on your device.

7.4 Finding Contacts in the Company Directory

In addition to having contacts on your device, you can access contact information from your organization's Company Directory. By having over-the-air access to the Company Directory, you can easily send e-mail messages and meeting requests to anyone in your company.

Requirement Access to the Company Directory is available only if your organization is running **Microsoft Exchange Server 2003 SP2 or higher**, and you have completed your first synchronization with the Exchange Server.

When browsing Contacts, composing e-mail, or creating a meeting request

1. Synchronize with the Exchange Server.

2. Do any of the following:

   • While browsing through your contacts on the Contacts or Phone screen, tap **Menu > Company Directory**.

   • In a new e-mail message, tap the **To** box (or tap **Menu > Add Recipient), and** then tap **Company Directory** on the top of the list.

   • When creating a meeting request and selecting required and optional attendees in Calendar, tap **Company Directory**.

3. Enter a partial or full contact name and tap **Search**. In the search results list, tap a contact to select it.

4. You can save a contact from the Company Directory to your device by selecting the contact, and then tapping **Menu > Save to Contacts**.

Note You can search for the following information as long as that information is included in the Company Directory: First name, Last name, E-mail name, Display name, E-mail address, or Office location.

When viewing a received Outlook e-mail message

1. Open a received Outlook e-mail message.

2. If a **Search** button (🔲) appears to the right of the sender name in the e-mail message, tap this button to search for the sender in the Company Directory.

3. If the sender is found, the contact details will be displayed. You can then choose to save the sender to your contacts, call the sender, and more.

Chapter 8
Internet

8.1 Ways of Connecting to the Internet

Your device's networking capabilities allow you to access the Internet or your corporate network through Wi-Fi, dial-up, or GPRS/3G (GSM only). You can also add and set up a VPN or proxy connection.

Wi-Fi

Wi-Fi provides wireless Internet access over distances of up to 100 meters (300 feet). To use Wi-Fi on your device, you need access to a wireless access point or "hotspot".

Note The availability and range of your device's Wi-Fi signal depends on the number, infrastructure, and other objects through which the signal passes.

To turn Wi-Fi on and connect to a Wi-Fi network

1. Tap **Start > Settings**, and then tap **Communications**.
2. Tap **Wi-Fi**. Detected wireless networks are displayed on the screen.
3. Tap the desired Wi-Fi network.
   - If you selected an open (unsecured) network, you are automatically connected to the network.
   - If you selected a secured network, enter the security key and then tap **Done**. You are then connected to the network.
4. Tap **Back** to return to the Communications screen.

Next time you use your device to detect Wi-Fi networks, you will not be prompted to enter the network key of the previously accessed Wi-Fi network (unless you perform a hard reset which will erase custom settings on your device).

Indicates that your device is connected to this Wi-Fi network

Indicates a secured Wi-Fi network.

Signal strength

Network name (SSID)

Notes • Wi-Fi networks are self-discoverable, which means no additional steps are required for your device to connect to a Wi-Fi network. It may be necessary to provide a username and password for certain closed wireless networks.

• To turn off Wi-Fi, on the Communications screen, tap the OFF/ON slider at the right side of the **Wi-Fi** item.

To check Wi-Fi network status

Aside from the Wi-Fi status icon on the title bar, you can check the current Wi-Fi connection status from any of the following screens of your device:

- **Wireless LAN screen**

  Tap **Advanced** on the Wi-Fi screen.

  On the **Main** tab, you will see the Wi-Fi network that your device is currently connected to. The configuration and signal quality of the Wi-Fi network are also shown.
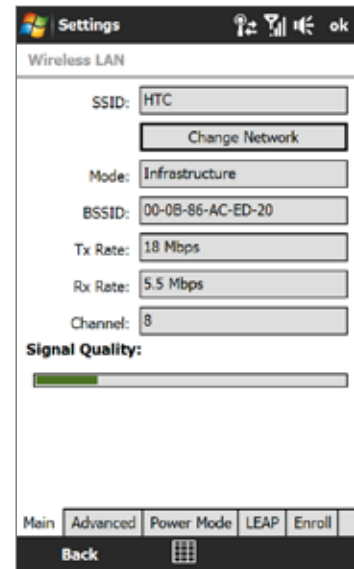
- **Configure Wireless Networks screen**

  Tap **Start > Settings > All Settings > Connections** tab **> Wi-Fi** and then tap the **Wireless Networks** button. This screen displays all available Wi-Fi networks in range.

  To connect to a Wi-Fi network in the list, tap and hold on the desired network, and then tap **Connect**.

  Tap a Wi-Fi network in the list to view or change its connection settings.

  You can also add new Wi-Fi networks, if available, by tapping **Add New**.
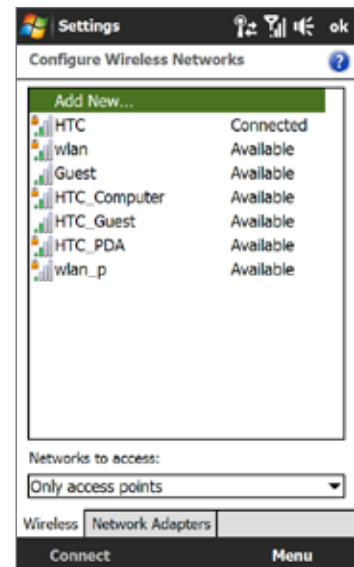
To save battery power while connected to a Wi-Fi network

Using Wi-Fi quickly consumes battery power. Turn off Wi-Fi when not in use. You can also enable power saving settings while using Wi-Fi.

1. Tap **Start > Settings**, and then tap **Menu > Wireless Networks > Power Mode** tab.

2. Move the **Power Save Mode** slider to a position that optimizes performance with the least power consumption.

   For example, move the slider to the left (Best Performance) to have the optimal wireless network performance; move to the right (Best Battery) to obtain the maximum battery usage.
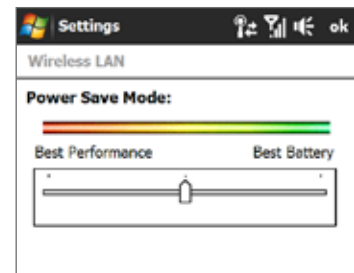
Dial-up

Your device's networking capability allows you to access the Internet through the dial-up connection. Settings for connecting to the Verizon 1xRTT/EVDO network are already preconfigured on your device, and your device is ready to connect to the Internet. Please do not change these settings as this may cause your data connection to stop working.

If you need to use another dial-up connection from an ISP (Internet Service Provider), you can manually add it to your device. To establish a dial-up connection on your device, you need the same settings that you normally use when you dial up from your computer. This includes the ISP server phone number, your user name and password.

1. On the Home screen, slide to the **Settings** tab and then tap **All Settings**.
2. On the **Connections** tab, tap **Connections**.
3. Under **Verizon Wireless**, tap **Add a new modem connection**.
4. On the Make New Connection screen, enter a name for the connection and select **Cellular Line** in the **Select a modem** list, then tap **Next**.
5. Enter the ISP server phone number, then tap **Next**.
6. Enter your user name, password, and any other information required by your ISP, then tap **Finish**.

GPRS/3G (GSM only)

If you are going to roam internationally, you can use **GPRS/3G** (or **EDGE**, if available) via the pre-installed GSM SIM card to connect to the Internet and to send and receive e-mail on your device. Contact Verizon to find out about GPRS/3G rates.

Your device is ready to use Verizon GPRS/3G services. Do not change the connection settings as this may cause the GPRS/3G services to stop working. If you need to add another GPRS/3G connection on your device, contact Verizon.

Data connection icons

The following icons may appear in the title bar when the device is in Global or GSM mode:

G	GPRS available
E	EDGE available
H	HSPA available
3G	WCDMA/UMTS available
📶	Data connection present

Starting a data connection

After setting up a data connection on your device, you can now connect your device to the Internet. The connection is automatically started when you begin using a program that accesses the Internet such as Opera Mobile.

To manually start a data connection

If you have set up multiple types of data connections on your device, you can manually start a connection.

1. Tap **Start > Settings**, and then tap **All Settings**.
2. On the **Connections** tab, tap **Connections**.
3. Tap **Manage existing connections**.
4. Tap and hold the name of the desired connection, and then tap **Connect**.

To disconnect active data connections

1. On the Home screen, slide to the **Settings** tab, and then tap **Communications**.
2. Tap the OFF/ON slider at the right side of the **Data Connection** item.

8.2 Using Opera Mobile™

Opera Mobile™ is a full-featured Internet browser, optimized for use on your device.

To open Opera Mobile and go to a website

1. On the Home screen, slide to the **Browser** tab and then tap **Launch Browser**.
2. On the Opera Mobile screen, tap the address bar.
    Note If the address bar is hidden, tap ![] at the bottom-right corner of the screen.
3. Enter the URL address and tap ![].

The browser screen
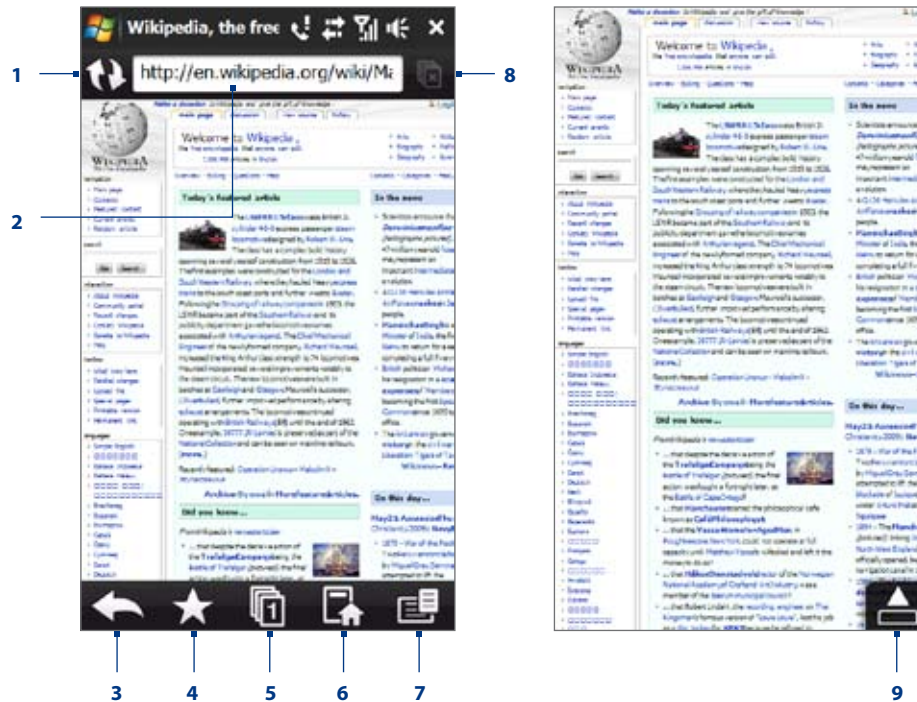
1	Refresh the web page being viewed.
2	Enter the URL of the web site here.
3	Return to the previous web page viewed.
4	Go to the Bookmarks screen where you can add, edit, or send bookmarks.
5	Add a new browsing tab or switch to another browsing tab.
6	Go to the home page.
7	Open a list where you can change Opera Mobile settings. See "Opera Mobile menu" in this chapter for details.
8	Close the current tab. This is enabled only if you have more than one tab opened.
9	When browsing the web, Opera Mobile automatically switches to full screen mode. Tap to show the address and Menu bars again.

Opera Mobile menu

On the menu bar, tap ▣ to open the menu.

Open the Settings screen where you can set your home page, change display settings, set privacy settings, and more.

View items being downloaded, and resume or stop current downloads.

View information about the web page you are browsing.

See web pages that you have viewed.

Manage and view web pages that you have saved.

Open the Opera Mobile help file.

Close Opera Mobile completely.

Note For more information about using Opera Mobile, go to: http://www.opera.com/products/mobile/.

Navigating web pages

To pan on the web page

While browsing web pages, use finger gestures to pan on the web page.

Tip Touch and hold an empty area on a web page to open a shortcut menu that lets you go back to the previous page, reload the page, add the page as a Favorite, and more. You can also tap and hold a link or image on a web page to open a menu with different options.

To zoom in and out on web pages

While viewing a web page in full screen, slide to the right of the zoom bar to zoom in on the web page. To zoom out, slide your finger to the left.

Tip   You can also tap the screen twice to zoom in. To zoom out, tap the screen twice again.

Zooming in   Zooming out

To change the screen orientation

Change the screen orientation by simply turning your device sideways.

8.3 Using YouTube™

YouTube™ lets you browse, search, and watch Internet videos that are posted in YouTube.

Note   You need an active data or Wi-Fi connection to use YouTube. If you are using a data connection, watching Internet videos may significantly increase your data connection costs.

To open YouTube

Tap **Start > All Applications** > **YouTube**.

Set the quality of downloaded videos and site (country) preference.

Open the Program Guide.

Displays the current program channel being viewed.

Close YouTube.

Filter the list by type of video (Featured, Most Viewed, Top Favorited, or Top Rated) and by the time period when videos were uploaded to the YouTube server.

Displays the available videos for the selected program channel. Tap a video to watch it. Tap ⓘ to view details about the video.

Switch between the YouTube screens.

Searching videos

1. On the YouTube screen, tap 🔍 .
2. On the **Search** screen, enter the video information, and then tap **Search**.
   YouTube searches for the video, and then displays all related videos on the screen.
3. Tap on a video to watch it. See "Watching videos" for details.

Using the Program Guide

The Program Guide categorizes videos into channels so you can browse and watch related videos available on YouTube. You can also add your favorite video channel in the Program Guide.

To add a new channel

1. Search the channel or video you want to add to the Program Guide. See "Searching videos" for details.

2. In the search results list, tap ① at the right side of the video or channel to open the details screen.

3. Tap 📷, and then tap **OK** on the confirmation screen. The channel you just subscribed to is shown when you tap **Program Guide**.

Tip   You can also add a search result as a program channel.
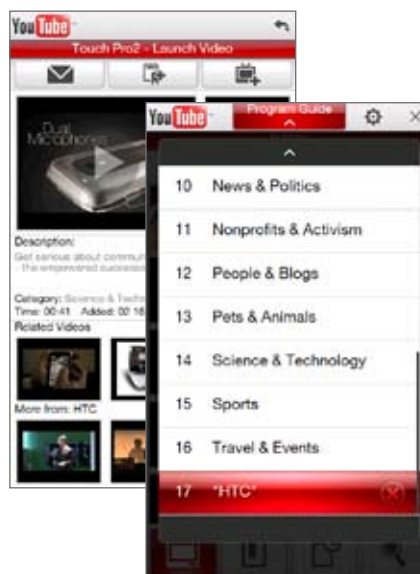
To change the program channel

1. On the **Videos** screen, tap **Program Guide** at the top of the screen.

2. On the Program Guide, select a channel.

   Tip   You can scroll down to view more channels.

   The video list refreshes to display the available videos for the selected channel.

To delete a program channel

You can only delete channels that you have added to the Program Guide.

1. Tap **Program Guide**.

2. Scroll down to the channel that you want to delete, and then tap ⊗.

3. On the confirmation screen, tap **Yes**.

Watching videos

Tap a video on any YouTube screen, program guide channel, or search results list to launch the YouTube Video Player.

Drag to go forward or backward in the video.

Go back to the beginning of the video.

Download progress

Buffered video

Depending on the quality of downloaded videos you selected, tap to view the video in its actual size, in expanded size, or in full screen.

Play/pause the video.

Stop the video playback.
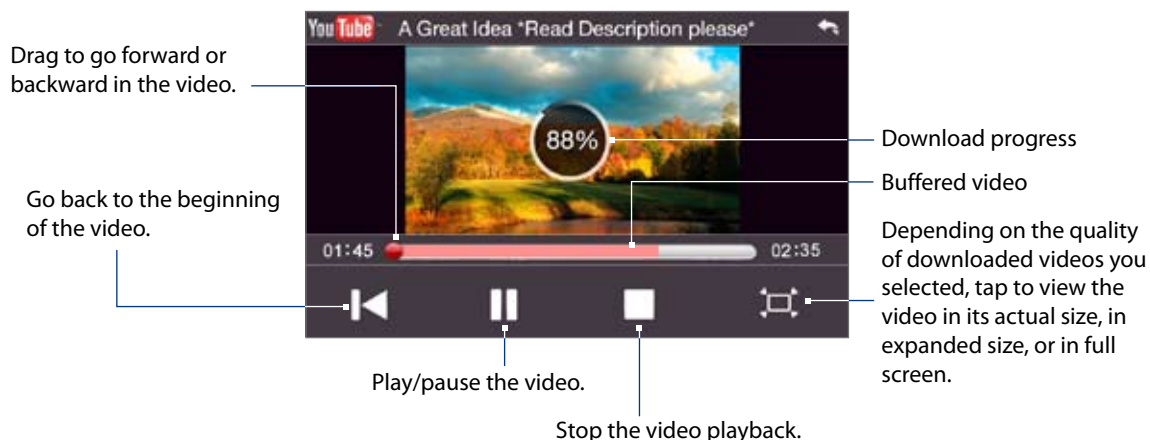
Tip   To adjust the volume, press the VOLUME UP and VOLUME DOWN buttons on the left panel of the device.

When you tap Stop (⬜) or finish watching the entire video, you can select from the following options.

Go back to the previous page of related videos.

Send the link of the previously watched video via e-mail, or to send the video thumbnail via MMS.

Add the video to your Bookmarks.

Replay the video.

Go to the next page of related videos. If no action is taken, the next page is automatically displayed after 10 seconds.

View information about the video you just watched.
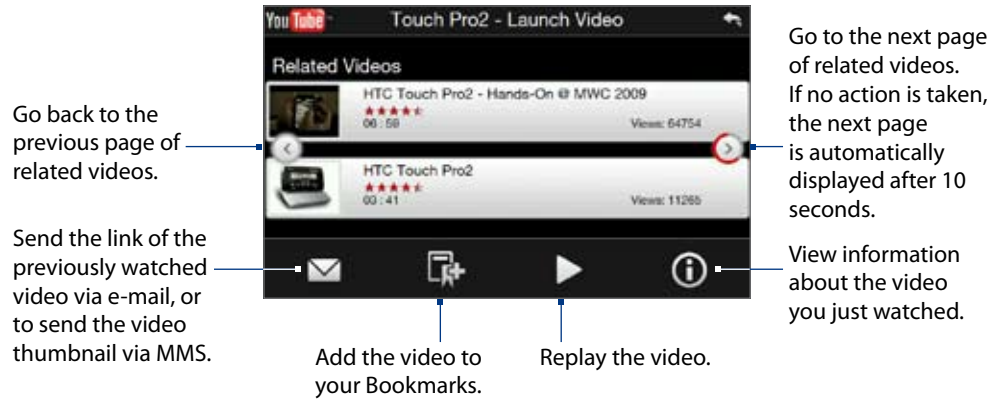
Bookmarks

You can save your favorite videos in Bookmarks for quick access.

To save a video in Bookmarks

After watching a video, tap 📑. You can also tap ⓘ on any video that you want to add to Bookmarks and then tap 📑 on the video details screen.

To watch videos in Bookmarks

On the YouTube screen, tap 📖. Tap a video to watch it.

To delete a video from Bookmarks

1. On the **Bookmarks** screen, tap **Edit**.
2. Tap ❎ on the video you want to remove.
3. On the confirmation screen, tap **Yes**.
4. Tap **Done**.
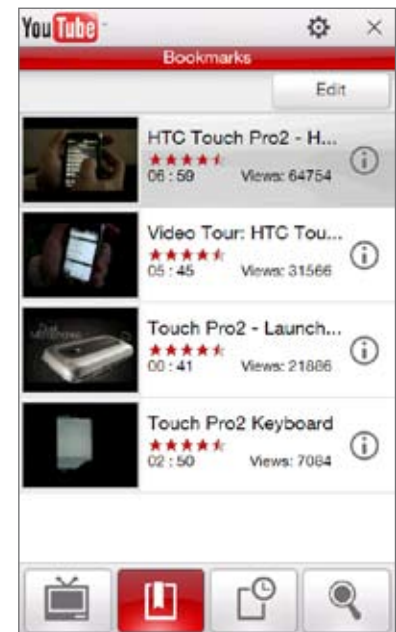
History

View recently watched videos on the History screen. On the YouTube screen, tap �途 and then tap a video to watch it.

Note To clear the History list, tap **Clear**.

8.4 Using Streaming Media

Streaming Media lets you stream live broadcasts or on-demand media content from the web. The media is sent in a continuous stream to your device and is played as it arrives, along with the audio.

The Streaming Media program allows you to play **3GP** and **MPEG-4** files. It also supports playback of **SDP** (Session Description Protocol) files.

To access streaming content via Opera Mobile

In Opera Mobile, you can open a web page containing RTSP (Real Time Streaming Protocol) links to streaming media content then play the content in the Streaming Media program.

1. On the Home screen, slide to the **Browser** tab and tap **Launch Browser**.
2. In the address bar, enter the URL address of the web page that contains the RTSP link to the desired *.3gp, *.mp4, or *.sdp file.
3. On the web page, tap the RTSP link.
4. Streaming Media then automatically opens and starts playing the file. During playback, use the slider and button controls to play/pause, switch to full screen, replay, and fast forward.

Tap to toggle between playing or pausing the video playback.

Play video from the beginning.

Switch to full screen mode. In full screen mode, tap 🔲 to switch back.

Drag the slider to go backward or forward on the video.

View the video in its actual size, in expanded size, or in full screen.

Stop playback.
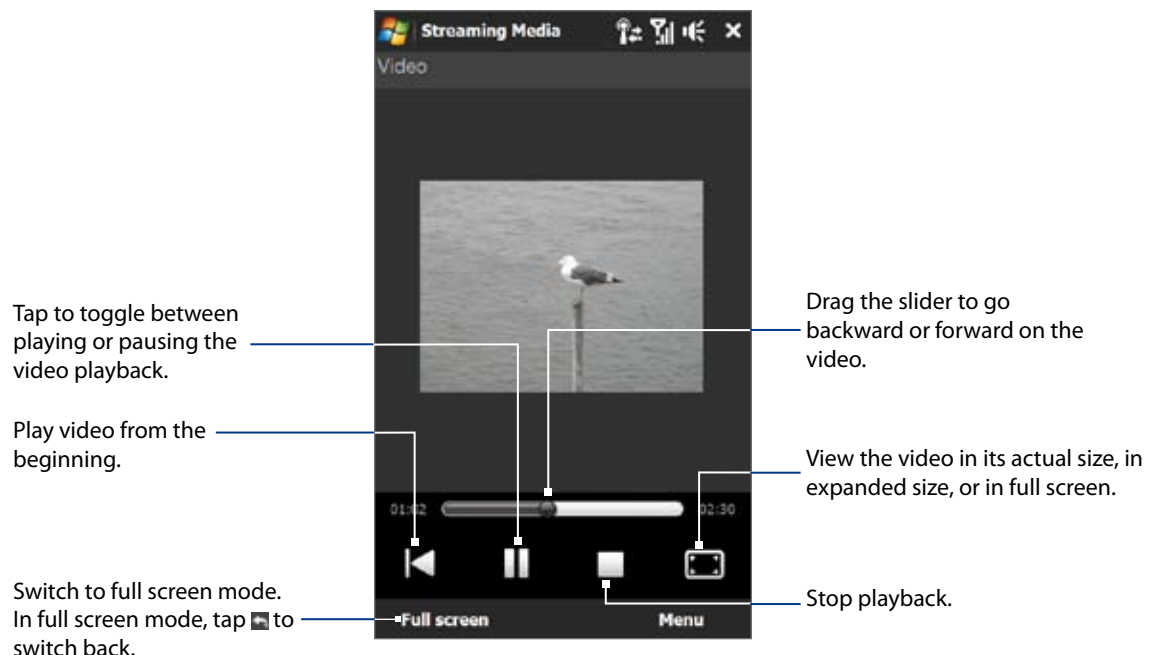
To stream media files directly on the Streaming Media Player

Streaming Media only supports RTSP links when you stream *.3gp and *.mp4 files directly on the program.

1. Tap **Start > All Applications > Streaming Media**.
2. Tap **Menu > Connect**.
3. Enter the complete RTSP link, and then tap **Connect**. Streaming Media starts playing the file.
4. During playback, use the slider and playback control buttons to play/pause, switch to full screen, replay, and fast forward.

To view streaming video information

While streaming a video clip, tap **Menu > Properties** to view the video properties such as the video link or location, duration, and bit rate.

To configure streaming video connection settings

Tap **Menu > Options** to configure the Streaming Media settings. From this screen, you can set the media buffer, select the connection to use, and set all streaming videos to play in full screen.

8.5 Using RSS Hub

RSS Hub is an RSS reader that keeps you up-to-date with the latest news from the Internet. It monitors RSS feeds from your favorite news sites, blogs and more, and downloads the most current updates and podcasts.

For more information about RSS Hub, tap **Start > All Applications > Help**, and then tap **Help for Added Programs > RSS Hub**.

Subscribing to and organizing news channels

You must subscribe to news channels before you can receive RSS feeds.

To subscribe to news channels

1. Tap **Start > All Applications > RSS Hub**, and then tap **Continue**.
2. In the New Channel Wizard screen, select the **Choose from a list of known Channels** option, and then tap **Next**. A list of RSS channels is displayed.

    Note If the RSS channel you want to subscribe to is not in the list of known channels, tap **Back**, then select another option on the New Channel Wizard screen.
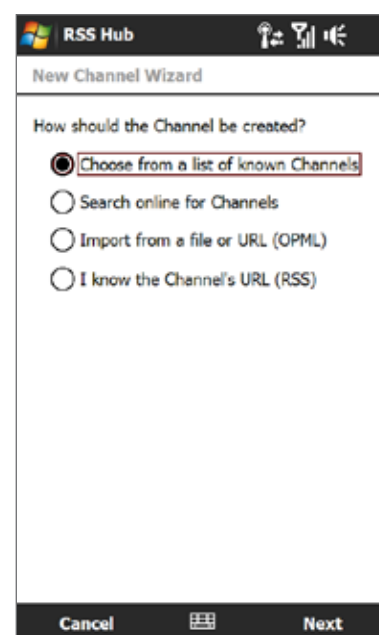
Tap to load pre-selected RSS channels.

3. Select the check boxes of the RSS channels you want to subscribe to, then tap **Finish**.
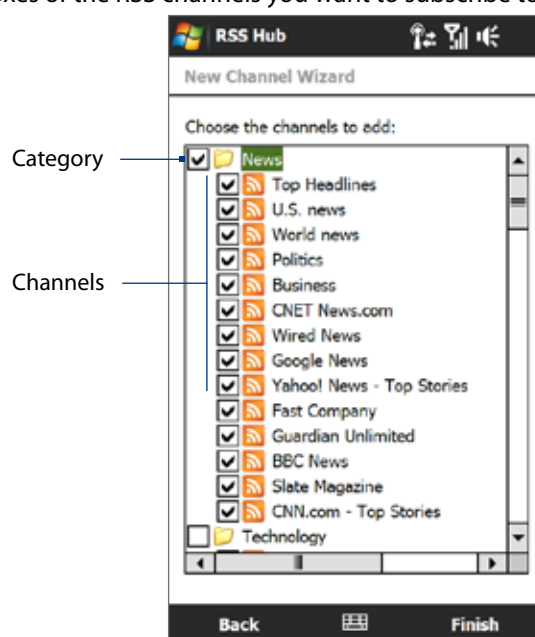
Category

Channels

Tip Channels are grouped by categories. If you want to select all channels in a category, select the category check box.

4. The channel list appears. Tap **Refresh** to update the channels.

Select the channel category to display

Channel list

Update the channels

Channel is updated. Tap to view the headlines.

Headline count

Cancel channel updating
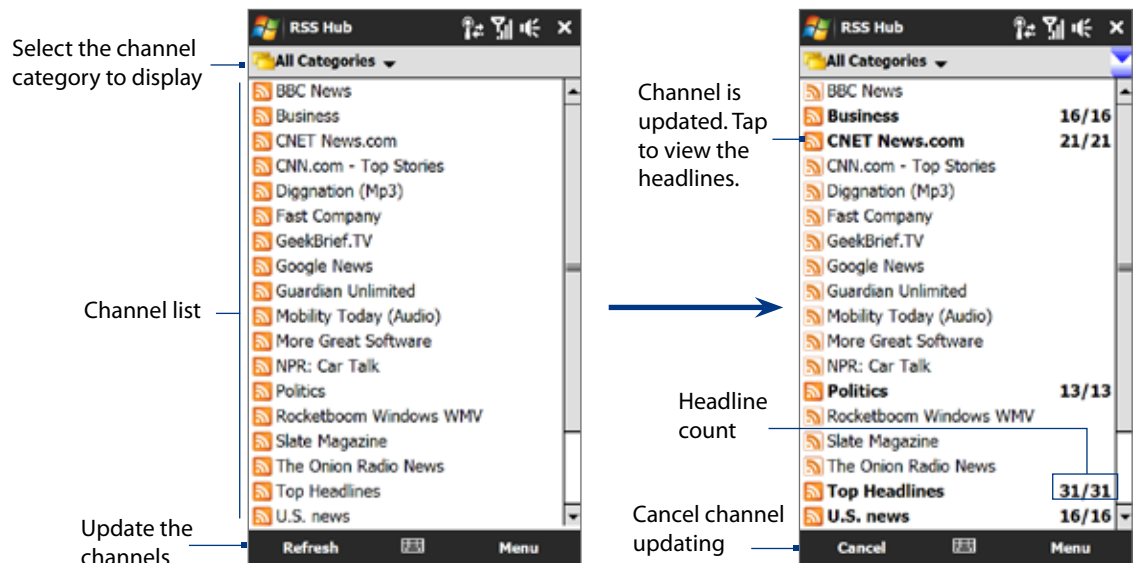
To add new channels

1. In the channel list, tap **Menu > Channel > New** to open the New Channel Wizard screen.

2. Select an option, and then follow screen instructions to add new channels.

To filter the channels to display

In the channel list, tap **Menu > View**, and then select **Updated** to display only those channels with unread items, or **All** to display all subscribed channels.

Using the headline list

Tap a channel in the channel list to display the headline list.

The item contains a keyword.

Tap a headline to open the news summary screen.

New or unread item

Item has been read

Return to the channel list

Play back the podcast or view the image.

Podcast or image attachment is downloading.

Download the podcast or image attachment.

New or unread items display in bold and are marked with a blue newspaper icon. Items that have been read are marked with a gray newspaper icon.

Viewing the news summary

Tap a headline in the headline list to display the news summary.

Channel name

Headline and
read status

News summary

Open the complete article
in Opera Mobile. See "Using
Opera Mobile" in this chapter
for details.

Podcast or image attachment.
Tap the link to download the file.

Return to the
headline list

Tap **Menu** to change the way that text is displayed, save a podcast, send a link to the article via e-mail, and more.

To download, play, or save podcasts

1. On the news summary screen tap the **Download audio/Download video** link or the audio/video podcast icon.

   Tip   To cancel the file download, tap **Cancel download** below the audio/video file icon.

2. After downloading the file, do one of the following:
   • Tap **Play audio/Play video** or the audio/video file icon to play back the file.
   • Tap **Menu > Podcast > Save** to save a copy of the file to the device's main memory or storage card.

To send the a link to the article via e-mail

1. In the news summary screen, tap **Menu > Send Link via Email**.
2. Messaging opens and displays the Account Picker screen. Tap the e-mail account that you want to use.

   A new e-mail message is then created with the link.
3. Specify the e-mail recipients, and then tap **Send**.

Note   For more information on how to compose e-mail messages, see "Creating and sending an e-mail message" in Chapter 6.

To view the next or previous news summary

In the news summary screen, tap **Menu > Next** or **Menu > Previous**.

8.6 Using Your Phone As a Modem (Modem Link)

While traveling, you can use your Windows Mobile powered device as a modem for your notebook. Use either **VZAccess Manager** or the **Modem Link** program to use your device as a USB or Bluetooth modem.

Before you proceed

- Make sure your device has a data or dial-up modem connection. For more information about setting up these connections, see "Wireless data connection" and "Dial-up" in this chapter.
- To connect your device to a computer via USB, you must first install Windows Mobile Device Center or Microsoft ActiveSync version 4.5 or later on the computer.
- To use a Bluetooth connection, make sure your computer has built-in Bluetooth capability. If your computer does not have Bluetooth, you can connect and use a Bluetooth dongle.

Using VZAccess Manager

The following instructions describe how to install VZAccess® Manager on a computer that uses Microsoft® Windows® so that your wireless device can be used as a tethered modem.

To install VZAccess Manager

1. Insert the VZAccess Manager installation CD that came with your device into the CD drive on your computer.
2. Complete the on-screen instructions.

Note For technical support, please go to dts.vzw.com. Also, to download the latest version of VZAccess Manager, please go to vzam.net.

To connect to BroadbandAccess

1. On your computer, click **Start > Programs > VZAccess Manager**.
2. Follow the initial WWAN Setup Wizard to detect the phone (action needs to be performed only once for each device).
3. Select Verizon Wireless - VZAccess connection from the available connection list.
4. Click the **Connect WWAN** button.
5. Once connected, the Connect WWAN button will change to **Disconnect WWAN**. Click this button to end your connection session.

Note For optimum performance, the wireless device should be at least 12 inches from your notebook while operating in tethered mode.

Setting up your device as a USB modem in Windows Vista® or Windows XP

To set up the device as a USB modem, you must first install the modem driver on your computer and then activate your device as a USB modem.

To install the wireless modem driver on the computer

1. Insert the Getting Started Disc into your CD drive. Select your language, click **Additional Tools**, and then click **Wireless Modem Driver Installation**.
2. Follow the on-screen instructions to install the USB modem driver. When installation completes, click **Exit** to close the installation program.

To activate your device as a USB modem

Connect your device to your notebook using the USB cable, then follow the steps below to activate your device as a USB modem.

Note When you activate Wireless Modem, ActiveSync and Windows Mobile Device Center will be disabled automatically.

1. On your device, tap **Start > All Applications > Modem Link**.
2. Under PC Connection Type, select **USB**.
3. Tap **Menu > Start**.

The next thing to do is to create a modem dial-up connection. The procedures for creating a modem dial-up connection are different for Windows Vista™ and Windows XP. Refer to "Creating a modem dial-up connection" later in this chapter for details.

Setting up your device as a Bluetooth modem in Windows Vista®

You can connect your device to a notebook or desktop computer through Bluetooth and use the device as a modem for the computer. To connect your device to the computer through Bluetooth, your computer must be Bluetooth enabled or you must have a USB Bluetooth dongle.

To set up a Bluetooth connection between your device and Windows Vista™ computer

1. On your device, turn on Bluetooth and set it to visible mode.

2. Connect a Bluetooth radio adapter on your computer. (Refer to the manufacturer's documentation for details on how to install).

    After a Bluetooth radio adapter is installed on your computer, the Control Panel and System Tray will have the **Bluetooth Devices** icon. Right-click this icon then click **Open Bluetooth Settings**.

3. In the Bluetooth Devices window, click **Add**.

4. The Add Bluetooth Device Wizard opens. Select the **My device is set up and ready to be found** check box then click **Next**.

5. The wizard then detects your device and displays its name in the dialog box. Select the device name then click **Next**.
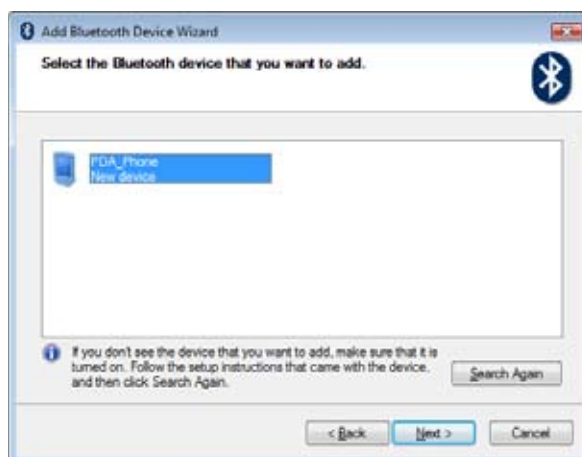
6. Select **Let me choose my own passkey** then enter a passcode (1 up to 16 digits) that will serve as an identification number for establishing a secure connection between your device and the computer. Click **Next**.

7. A confirmation message then appears on your device. Click **Yes** to accept the connection, enter the same passcode, then click **Next**.

8. On the computer, click **Finish** to exit the wizard.

9. On your device tap **Done**.

To add your device as a Bluetooth modem to your Windows Vista™ computer

After you have finished creating a Bluetooth connection between your device and computer, Windows Vista™ automatically detects your device and then installs it to your computer as a Bluetooth modem.
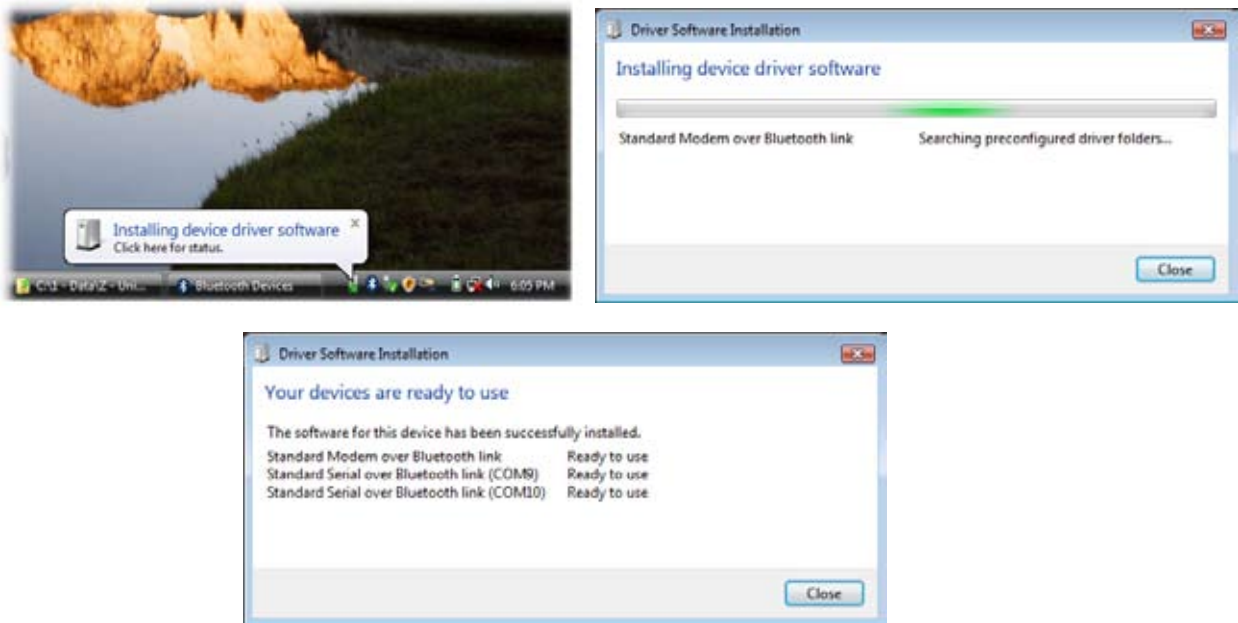
Setting up your device as a Bluetooth modem in Windows XP

You can connect your device to a notebook or desktop computer through Bluetooth and use the device as a modem for the computer. To connect your device to the computer through Bluetooth, your computer must be Bluetooth enabled or you must have a USB Bluetooth dongle.

To set up a Bluetooth connection between the device and the Windows XP computer

1. Set Bluetooth on your device to visible mode. For information about this, see "To turn Bluetooth on and make your device visible" in Chapter 9.
2. Enable Bluetooth on your computer.
   (Refer to the manufacturer's documentation for details on how to enable Bluetooth for your computer.) After Bluetooth is enabled on your computer, the **Bluetooth Devices** icon appears in the Control Panel and System Tray.
3. Next, create a Bluetooth partnership between your device and computer. See "To create a Bluetooth partnership."

To activate your device as a Bluetooth modem

1. On your device, tap **Start > All Applications > Modem Link**.
2. Select **Bluetooth** as the connection type.
3. On your notebook, disable ActiveSync by clicking **File > Connection Settings** and then clearing the **Allow connections to one of the following** check box.
4. Tap **Menu > Start** on the **Modem Link** screen on your device.

After successfully connecting your device to the computer via Bluetooth, the next thing to do is to add your device as a Bluetooth modem to your computer.

To add your device as a Bluetooth modem to your Windows XP computer

1. On the computer, click **Start > Control Panel > Phone and Modem Options**.
2. Click the **Modems** tab. Check if there is a Bluetooth modem, "Generic Bluetooth Modem" or "StandardModem over Bluetooth Link" listed. If there is, skip to step 6.
3. If there is no Bluetooth modem listed in the Modems tab, click **Add**.

4. In the **Add Hardware Wizard**, click **Next**.

5. In the **Select Bluetooth Device** screen, select the device name and then click **OK**.

> **Note** If you are in GSM mode, you must set the Access Point Name. To do this, in the **Modems** tab, select the Bluetooth modem listed and then click **Properties**. Click the **Advanced** tab, then in the **Extra initialization commands** text box, enter:
> AT+CGDCONT=1,"IP","APN"
> where APN is the access point name provided by Verizon to give you access to the Internet. Then click **OK**.

6. Click **OK** to exit the Phone and Modem Options.

Your device is now set up as a Bluetooth modem.

Creating a modem dial-up connection

Once the notebook recognizes your device as a modem, create a new modem dial-up connection on your notebook. You can then use this connection to dial up and connect to the Internet. The procedures are different for Windows Vista™ and Windows XP.

To set up a modem dial-up connection in Windows Vista™

1. On your notebook, click **Start > Control Panel**.

2. Double-click **Network and Sharing Center**.

3. On the left-hand panel of the Network and Sharing Center, click **Set up a connection or network**.
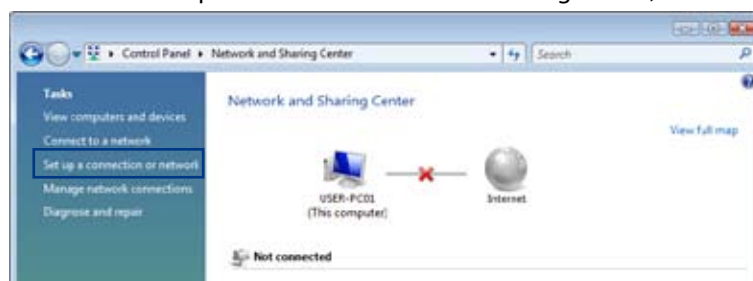
4. Click **Set up a dial-up connection** then click **Next**.

5. Enter the following information: dial-up phone number (**#777**), your user name and password. Also select the **Remember this password** check box.

6. When you have finished entering the information, click **Connect**. Your notebook then starts to dial up to the Internet using your device as a modem.

7. When you see a dialog box that shows you are connected to the Internet, click **Close**.

8. In the Set Network Location dialog box, choose the type of location where you will use the dial-up connection.
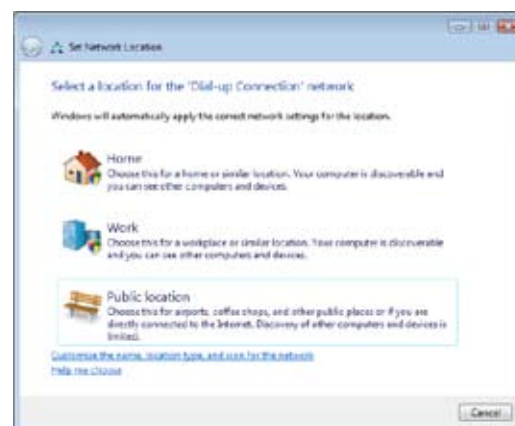
To set up a dial-up connection in Windows XP

1. On your computer, click **Start > Settings > Control Panel**.
2. Double-click **Network Connections**.
3. Click **File > New Connection**.
4. In the **New Connection Wizard**, click **Next**.
5. Click **Connect to the Internet** then click **Next**.
6. Select **Set up my connection manually** then click **Next**.
7. Select **Connect using a dial-up modem** then click **Next**.
8. Select the modem that you previously installed, then click **Next**.
9. Enter a descriptive name for this connection, then click **Next**.
10. Enter **#777** as the dial-up phone number then click **Next**.
11. Click **Next**.
12. Under **Internet Account Information**, enter your user name and password then click **Next**.
13. Click **Finish** to exit the wizard.
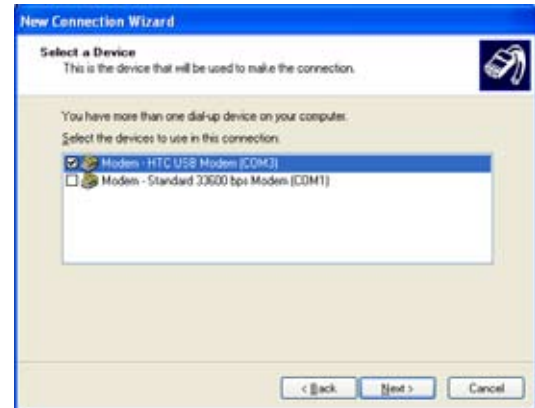
14. The Connect dialog box then opens. Click **Dial** to dial up and connect to the Internet.

Dial up and connect to the Internet

Whenever you want to dial up to the Internet on your notebook using your device as a modem, do the following steps to connect to the Internet.

1. If Modem Link has not yet been activated on your device, select the type of connection (USB or Bluetooth) then tap **Menu > Start**.
   - On a Windows Vista™ notebook, click **Start > Connect to**, select the name of the dial-up connection, then click **Connect**.
   - On a Windows XP notebook, click **Start > Settings > Control Panel**, double-click **Network Connections**, then double-click the modem connection.
2. The Connect dialog box then opens. Click **Dial** to dial up and connect to the Internet.

To end the modem session

On the Modem Link screen, tap **Menu > Stop**.

Chapter 9
Bluetooth

9.1 Bluetooth Modes

Bluetooth is a short-range wireless communications technology. Devices with Bluetooth capabilities can exchange information over a distance of about eight meters (26 feet) without requiring a physical connection.

Bluetooth on your device operates in three different modes:

- **On**. Bluetooth is turned on. Your device can detect other Bluetooth-enabled devices, but not vice versa.
- **Visible**. Bluetooth is turned on, and all other Bluetooth-enabled devices can detect your device.
- **Off**. Bluetooth is turned off. In this mode, you can neither send nor receive information using Bluetooth.

Note Turn off Bluetooth when not in use to conserve battery power, or in places where using a wireless device is prohibited, such as on board an aircraft and in hospitals.

Supported Profiles

Your device supports the following Bluetooth profiles:

GAP (generic access profile)	AVRCP (audio/video remote control profile)
SPP (serial port profile)	HID (human interface device profile)
OPP (object push profile)	BPP (basic printing profile)
GOEP (generic object exchange profile)	FTP (file transfer profile)
ActiveSync-Over-Bluetooth (legacy application via SPP)	PAN (personal area networking profile)
HSP (headset profile)	PBAP (phone book access profile)
HFP (handsfree profile)	DUN (dialup network profile)
A2DP (advanced audio distribution profile)	SAP (SIM access profile – server)
L2CAP	RFCOMM
2A2DP (2 concurrent A2DP stream)	BIP (basic image push)

To turn Bluetooth on and make your device visible

1. Tap **Start > Settings > Communications** and then tap **Settings > Bluetooth**.

   Tip You can also tap **Start > Settings > All Settings > Connections** tab and then tap **Bluetooth**.

2. When prompted to turn on Bluetooth, tap **Yes**.

3. Tap the **Settings** tab ( ), and then tap **Not Discoverable**.

4. Tap the drop-down menu and then select **Always Visible**.

   Note If you select **Visible for 60 seconds**, Bluetooth visibility will turn off automatically when the time elapses and your device has not yet connected to another Bluetooth device.

5. Tap **Done**. The icon then appears in the title bar to indicate that the device is in visible mode.

Tip To easily switch Bluetooth off or back on, tap **Start > Settings > Communications** to open the Comm Manager and then tap Bluetooth's OFF/ON slider.
Your device remembers whether visible mode was previously enabled or disabled. If you did not disable visible mode, switching Bluetooth on in the Comm Manager also puts your device in visible mode automatically. For more information about using the Comm Manager, see Chapter 13.

9.2 Bluetooth Partnerships

A Bluetooth partnership is a relationship that you create between your device and another Bluetooth-enabled device in order to exchange information in a secure manner.

To create a Bluetooth partnership

1. Tap **Start > Settings > Communications** and then tap **Bluetooth**.
2. On the **Settings** tab (   ), tap **Add a device**.
3. Tap a Bluetooth device to connect with.
4. Specify a passcode, which can be 1 up to 16 characters, to establish a secure connection, and then tap **OK**.

   Note Your device uses Bluetooth 2.1 with the Secure Simple Pairing feature. If the other Bluetooth device you are pairing with also supports the same feature, the passcode will be automatically created and displayed on both devices. Both you and other party simply need to verify that the passcode is the same and tap **Yes** to establish the partnership.
5. After the receiving party accepts the partnership, the Bluetooth device name is shown on the screen, including all Bluetooth services that you can use with it. Select the check boxes of the Bluetooth services you want to use, and then tap **Done**.
6. If you selected to use the Bluetooth Serial Port service of the paired device, select a local serial port to assign for the paired device, and then tap **Continue**.

   The connected Bluetooth device now appears in the **Devices** tab (   ).

   Tip Tap **Properties** to change the paired device name. Tap **Menu > Update** to update the list of services that you can use with the paired device.

Creating a Bluetooth partnership between two devices is a one-time process. Once a partnership is created, the devices can recognize the partnership and exchange information without entering a passcode again.

To accept a Bluetooth partnership

1. Ensure that Bluetooth is turned on and in visible mode.
2. When prompted, enter or accept the passcode (the same passcode from the device requesting the partnership) to establish a secure connection.
3. Tap **OK**. The paired device now appears in the **Devices** tab (   ). You can now exchange information with the paired device.

Tip To delete a Bluetooth partnership, select the device's name on the **Devices** tab, then tap **Menu > Delete**. When prompted to confirm, tap **Yes**.

9.3 Connecting a Bluetooth Hands-free or Stereo Headset

For hands-free phone conversations, you can use a Bluetooth hands-free headset such as a car kit with your device. Your device also supports A2DP (Advanced Audio Distribution Profile) which allows you to use a Bluetooth stereo headset for hands-free phone conversations and for listening to stereo music.

To connect a Bluetooth hands-free or stereo headset

1. Make sure that both your device and the Bluetooth headset are turned on and within close range, and that the headset is visible. Refer to the manufacturer's documentation to find out how to set the headset in visible mode.

2. Tap **Start > Settings > Communications** and then tap **Bluetooth**.

3. On the **Settings** tab ( ), tap **Add a device**.

4. Select the hands-free or stereo headset device in the list, then tap **Select**. Your device will automatically pair with the Bluetooth headset.

   Note Your device will automatically try one of the preconfigured passcodes (0000, 8888) to pair with the Bluetooth headset. If this fails, you have to manually enter the passcode delivered with your headset.

5. When connected, the hands-free or stereo headset device is shown on the screen, including the Bluetooth services (Hands-free and Stereo Audio) that you can use with it. Make sure these services are selected, and then tap **Done**.

The paired headset now appears in the **Devices** tab ( ).
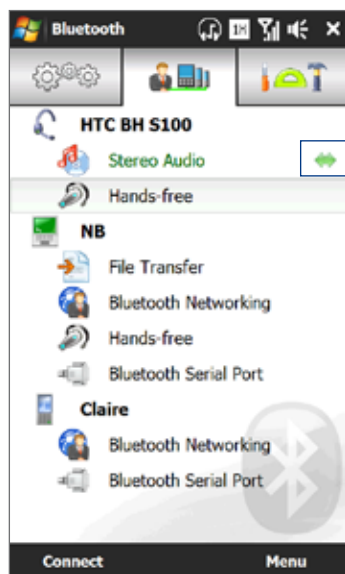
The double arrowhead that is displayed to the right of a service indicates that the service is connected with your headset.

If you turn off your headset, the double arrowhead disappears to indicate that the service has been disconnected. Next time you turn on and use your headset again, you need to manually reconnect each service. Tap a service and then tap **Connect**.

9.4 Sending and Receiving Information Using Bluetooth

You can send the following types of information from your device to your computer or to another Bluetooth-enabled device: Outlook e-mail, contacts, tasks, notes, calendar items, audio files, ring tones, images, and videos.

Note If your computer does not have built-in Bluetooth capability, you need to connect and use a Bluetooth adapter or dongle on your computer.

To send information from your device to a computer

1. Turn on Bluetooth on your computer and set to visible mode.

   Note If the Bluetooth adapter or dongle on your computer was installed using a third-party provided driver, open the Bluetooth software that came with the Bluetooth adapter/dongle and enable the adapter/dongle to be discovered by other devices. Refer to the Bluetooth adapter's documentation for more information.

   If your computer is installed with **Windows XP SP2** or later version and your computer's Bluetooth adapter is supported by your Windows version, do the following steps:

   a. On your computer, open **Bluetooth Devices** from the Control Panel, then click the **Options** tab on the **Bluetooth Devices** window.

   b. For **Windows Vista**, select **Allow Bluetooth devices to find this computer**.
   For **Windows XP**, select **Turn discovery on** and **Allow Bluetooth devices to connect to this computer**.

   c. In the **Options** tab of **Bluetooth Devices**, select **Show the Bluetooth icon in the notification area**.

   d. To enable your computer to receive information via Bluetooth, right-click the Bluetooth icon 🔵 in the notification area at the bottom-right corner of your computer screen and select **Receive a File**. You are now ready to send/receive.

2. Turn on Bluetooth on your device and make your device visible. For instructions, see "To turn Bluetooth on and make your device visible".

3. Create a Bluetooth partnership between your device and computer. For instructions, see "To create a Bluetooth partnership".

4. Tap the **Accessories** tab (🔳), and then tap **BT Send Object**.

5. Select the type of information and then select the check boxes of items you want to send.

6. Tap **Send**.

7. Select the Bluetooth device to which you want to send the items, then tap **Select**.

8. If you sent Outlook E-mail messages, calendar items, tasks, or contacts to your computer and they are not automatically added to Outlook, select **File > Import and Export** in Outlook to import them.

Tap the left or right arrow to change to the type of information you want to send.
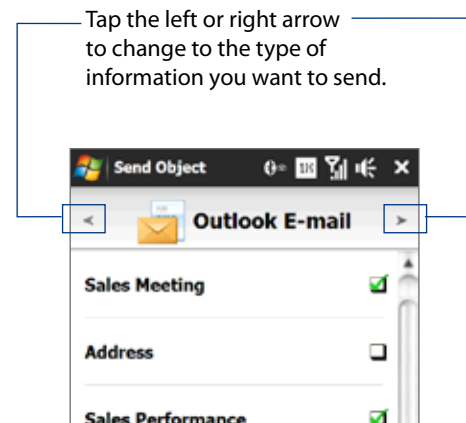
To send information to a Bluetooth-enabled device such as another Windows Mobile-powered device, follow steps 2 to 7 in the above procedure.

Tip The default folder on your computer where sent items are stored may be
C:\Documents and Settings\your_username\My Documents\Bluetooth Exchange Folder in Windows XP
or
C:\Users\your_username\My Documents\Bluetooth Exchange Folder in Windows Vista.

To send a file to another Bluetooth-enabled device

1. Tap **Start > All Applications > File Explorer**.

2. Navigate to the folder that contains the file you want to send.

3. Tap and hold the desired file, and then tap **Send via Bluetooth**.

4. Select the name of the Bluetooth device, and then tap **Select**.

To receive information from another Bluetooth-enabled device

1. When you receive information such as calendar items, tasks, or contacts sent from another Bluetooth-enabled device, tap **Accept**.

2. After your device has finished saving the information, tap **Done**.

To change the folder for saving received files

Files that you receive from another Bluetooth-enabled device are saved in \My Documents on your device. You can change the destination folder for saving received files:

1. Tap **Start > Settings > Communications** and then tap **Bluetooth**.

2. On the **Settings** tab ( ), tap **Advanced**.

3. Scroll down and then tap **File Transfer**.

4. Tap **Search** ( ).

5. Select the new destination folder, and then tap **Select**.

   Tip   To save received files on your storage card when it is inserted on your device, select **Save files to storage card when present**. Files will be saved on the root folder of your storage card.

6. Tap **Done**.

9.5 Printing via Bluetooth

Connect your device to a Bluetooth printer to print your pictures.

Note   Before you start printing, make sure to turn on the Bluetooth printer and turn on Bluetooth on your device. For instructions, see "To turn Bluetooth on and make your device visible" earlier in this chapter.

To print a picture

1. Tap **Start > Settings > Communications** and then tap **Bluetooth**.

2. Tap the **Accessories** tab ( ), and then tap **Print Images**. Your device then searches for pictures that are stored on your device and storage card.

3. Tap each picture that you want to select for printing. To select all pictures, tap **Menu > Select All**.

   Tip   To clear a selected picture, tap that picture again.

4. After you have finished selecting pictures, tap **Next**.

5. Select the name of the Bluetooth printer, and then tap **Select**.

6. Select the **Print Layout** to use, and then tap **Print**.

Chapter 10
Navigating on the Road

10.1 Guidelines and Preparation for Using GPS

If you installed a GPS navigation software on your device, follow these guidelines before and when using your device for GPS navigation.

- When using GPS navigation software in the car, always plot your GPS route before starting to drive. Do not try to configure the GPS navigation software while driving.

- The plotted GPS route is only for driving reference. It should not interfere with actual driving behavior.

- Do not leave your device in a vehicle or expose the device to direct sunlight to avoid overheating the battery, which could pose damage to the device or risk to the vehicle.

- When using the device inside a vehicle, use the car holder to mount the device securely in place. Avoid placing the device in the areas shown in the following diagram:
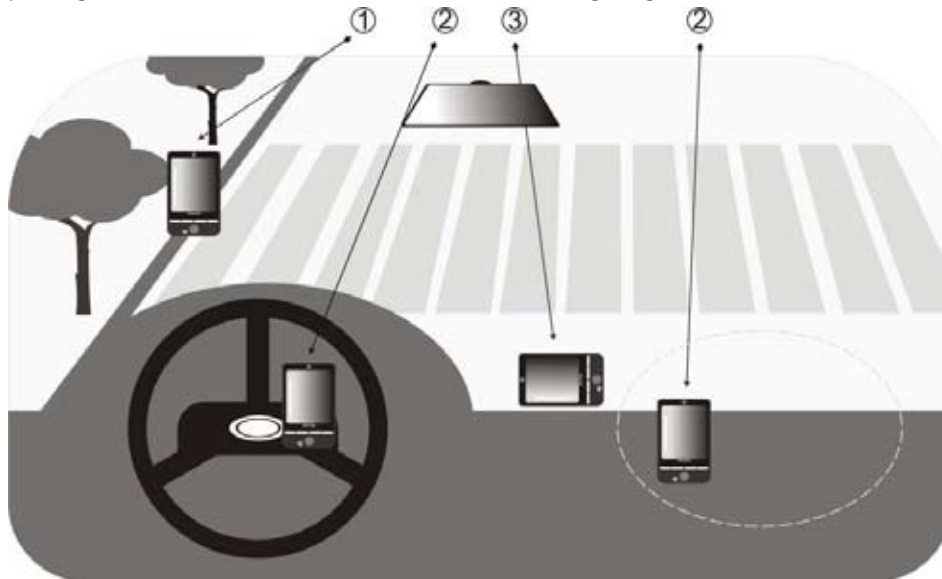
1 Do not place where it will block the driver's vision.

2 Do not place where air bags could deploy.

3 Do not place anywhere in the vehicle without securing the device in the holder.

- Use the GPS system cautiously. Users shall be liable for any damages resulting from negligent operation of the system.

- The GPS signal cannot pass through solid non-transparent objects. Signal reception may be affected by obstructions such as high-rise buildings, tunnels, bridges, forests, weather (rainy or cloudy days), etc. If the vehicle's visor contains metal, it will be difficult for the GPS signal to pass through.

- Other nearby wireless communication products (such as mobile phones or radar-detecting devices) may interfere with the satellite signal, resulting in unstable signal reception.

- The Global Positioning System (GPS) is built and operated by the US Defense Department. The Department is responsible for the accuracy and maintenance of the system. Any changes that the Department makes may affect the accuracy and function of the GPS system.

10.2 Downloading Location Data via QuickGPS

Before using the device for GPS navigation, open **QuickGPS** to download ephemeris data (current satellite position and timing information). QuickGPS significantly speeds up the time for determining your GPS position. QuickGPS downloads ephemeris data from web servers, instead of from satellites, using your device's Internet connection via Wi-Fi, ActiveSync or a data connection.

To open QuickGPS

Tap **Start > All Applications > QuickGPS**.

To download GPS data

Tap **Download** on the QuickGPS screen.

On the screen, initially, you will see the **Valid time** of the downloaded data. As time passes, the remaining days and hours of validity will be shown.

To speed up GPS positioning, download the latest ephemeris data when the validity of the data expires.
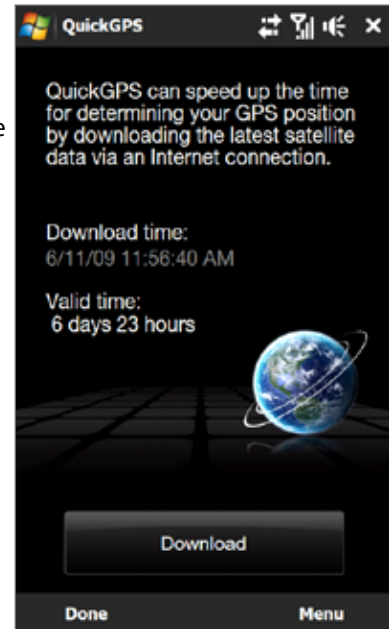
Changing the download options

To configure download options, tap **Menu > Options** and choose from available options:

- **Remind me when data expires**.
  Display a message when ephemeris data expires.

- **Auto download when data expires**.
  Automatically download ephemeris data when it expires.

- **Auto download when connected to PC via ActiveSync**.
  Automatically download ephemeris data when it is connected to your computer via ActiveSync. Your computer must be connected to the Internet to download ephemeris data.

- **Exit QuickGPS after downloading**.
  Close QuickGPS after satellite data is downloaded.

10.3 Windows Live™ Search

Windows Live™ Search is a separate program that offers you a fast, easy way to find and view maps and local information on your phone. With Live Search, you can:

- Get up-to-date local information such as movies and gas prices.
- Find your location with or without using GPS.
- Search places by voice.
- Browse listings by category.
- Locate nearby restaurants, shopping centers, etc., and check for their street addresses and phone numbers.
- Browse listings by category.
- View maps and get directions for reaching a destination.
- View traffic information (US only at present).

To open Windows Live™ Search

Tap **Start > All Applications > Live Search**.
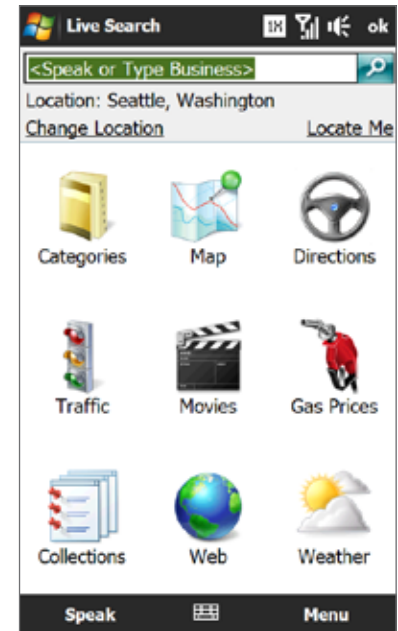
Chapter 11
Camera and Multimedia

11.1 Taking Photos and Videos

Use **Camera** to take photos and record video clips.

To open the Camera screen

On the Home screen, slide to the **Photos and Videos** tab and then tap the camera icon ( ) or the video icon
( ). The screen orientation automatically switches to landscape mode when you open Camera.

To close the Camera

Tap the On-screen control button ( ), and then tap .

Changing the capture mode

Tap , then tap the capture mode icon (— the icon displayed is based on the current capture mode).
On the menu, tap the capture mode you want to use.

Icon	Capture Mode
	Captures standard still images.
	Records video clips, with or without audio.
	Captures still images continuously in one direction, and then stitches them to create a panoramic view of a scenery.
	Records video clips suitable for sending via MMS.
	Captures a still image that you can assign as a contact picture.
	Captures still images and places them within frames.

Using the focus

Use the automatic focus or Touch Focus function to capture sharp and crisp photos and videos.

Auto-focus

Auto-focus sets the focus on the object at the center of the screen and is available for all capture modes. By
default, touching the **Virtual Camera button** ( ) activates auto-focus and a flashing white bracket ( )
appears in the center of the screen. When focus is set, the bracket changes to a steady green bracket ( ), and
then the Camera takes the photo or starts to record the video.

Touch Focus

Touch Focus allows you to focus on a particular area of the screen. Touch Focus is enabled by default and is only
available for Photo or Contacts Picture mode.

Note   To disable Touch Focus, see "Setting advanced options" in this chapter.

To use Touch Focus:

1. Set the Camera to Photo or Contacts Picture mode.

2. Touch the area on the screen that you want to focus. The Touch Focus indicator (-¦-) positions itself on the selected area.

   Note If you tap outside the effective focus area, a white box appears to indicate the area where you can use Touch Focus.

3. Touch ▣ to activate auto-focus on the selected area and take the photo. See "Auto-focus" in this chapter for more information.

Tip To move the Touch Focus indicator back to the center of the screen, tap ▭ .

Capturing photo or recording video

By default, the Camera automatically takes the shot or starts capturing video after you have set the focus.

- In **Photo** or **Contacts Picture** mode, touch the Virtual Camera button to activate auto-focus; when focus is set, the Camera automatically takes the shot.
- In **Video** or **MMS Video** mode, touch the Virtual Camera button to activate auto-focus; when focus is set, the Camera automatically starts recording. Touch the Virtual camera button again to stop recording.
- In **Picture Theme** or **Panorama** mode, touch the Virtual Camera button to activate auto-focus; when focus is set, the Camera automatically takes the first shot. Do the same for each shot you need to take.

The Review screen

After capturing a photo or recording video, the Review screen gives you the option to view/play, send, or delete the photo or video clip.

Icon	Function
⬅	Return to the live Camera screen.
🖼 / ▶	View the captured image or play the captured video in Album. See "Viewing Photos and Videos Using Album" in this chapter.
🗑	Delete the captured image or video.
✉	Send the captured image or video via MMS or e-mail.
👤	After capturing in Contacts Picture mode, tap to assign the photo to a contact.

On-screen controls

Tap ▭ to display the on-screen controls.

1 **Album**. Open the Album program. See "Viewing Photos and Videos Using Album" for details.
2 **Capture mode**. See "Changing the capture mode" for details.
3 **Touch Focus / Auto-focus indicator**. See "Using the focus" for details.
4 **Menu**. Open the Menu Panel. See "Menu Panel" for details.
5 **Virtual Camera button**. Activates the auto-focus and functions as the shutter release button.
6 **Template Selector icon**. In Picture Theme mode, tap to select another frame.
7 **Progress indicator**. In Picture Theme and Panorama modes, this shows the number of consecutive shots.

Menu Panel

The Menu panel lets you quickly adjust common camera settings and provides access to more advanced camera settings. To open the Menu panel, tap ▢ on the Camera screen, and then tap ▢. To adjust a setting, tap a button, for instance, **White Balance**, to cycle through the available settings.

Note   The available menu panel buttons depend on the selected capture mode.

Icon	Function
	Select the white balance setting according to the current lighting condition to capture colors more accurately.
	Open the Brightness bar and adjust the brightness level. Tap outside the Brightness bar to apply the change.
	Set the ISO level manually to **100**, **200**, **400**, or **800**, or set it back to **AUTO**. Higher ISO numbers are better for taking pictures in low light conditions. **Note** The camera automatically adjusts the ISO level up to 400 only.
	Set the self-timer to **2 seconds**, **10 seconds**, or **Off** when in Photo or Contacts Picture mode.
	Open the advanced camera settings. See "Setting advanced options" for details.

Zooming

Before capturing a photo or a video clip, you can zoom in or out on your subject. To zoom in or out, slide your finger up or down on the Zoom bar while holding the device sideways. While you are sliding your finger on the Zoom bar, the level of zoom is shown on the zoom control bar on the screen.

Zoom control bar   Zoom bar

The camera zoom range for a photo or a video clip depends on the capture mode and resolution. Refer to the table for more information.

Capture mode	Resolution			Zoom range
Photo	3M	Normal:	2048 x 1536	1.0x to 1.6x
		Widescreen:	2048 x 1216	
	2M	Normal:	1600 x 1200	1.0x to 1.6x
		Widescreen:	1600 x 960	
	1M	Normal:	1280 x 960	1.0x to 1.6x
		Widescreen:	1280 x 768	
	L	Normal:	640 x 480	1.0x to 1.6x
		Widescreen:	640 x 384	
	M	Normal:	320 x 240	1.0x to 3.2x
		Widescreen:	320 x 192	
Video	CIF	352 x 288		1.0x to 1.6x
	L	320 x 240		1.0x to 1.6x
	M	176 x 144		1.0x to 1.6x
	S	128 x 96		1.0x to 1.6x
MMS Video	M	176 x 144		1.0x to 1.6x
	S	128 x 96		1.0x to 1.6x
Panorama	L	640 x 480		1.0x to 1.6x
	M	320 x 240		1.0x to 3.2x
Contacts Picture	M	272 x 272		1.0x to 3.2x
Picture Theme	Determined by the current template			Depends on the size of the selected template

Setting advanced options

The Advanced options let you adjust options for your selected capture mode and set Camera program preferences. Tap **Advanced** on the Menu panel to open the Advanced screen.

Tap an item to change the setting.

Tap to go back to the Camera screen.

Tap to navigate through the Advanced option screens.
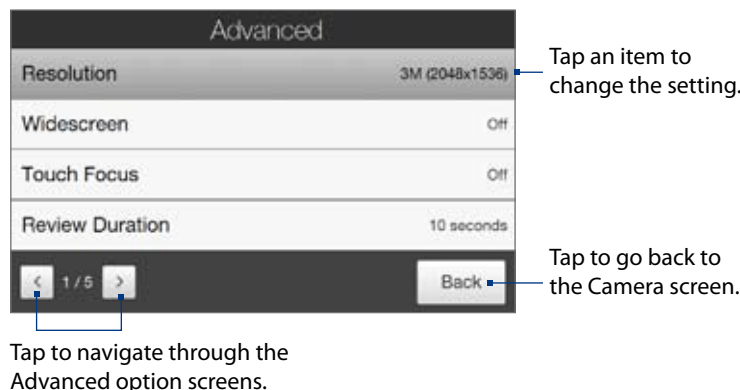
- **Resolution**. Select the resolution to use.
- **Widescreen** (Photo mode). When **On** (default) you can use the entire screen as viewfinder. Refer to the zoom table for the resolution when Widescreen is **On**.
- **Touch Focus** (Photo and Contacts Picture modes). Enables or disables the Touch Focus function. Touch Focus is **On** by default.
- **Review Duration**. Set the time for a captured photo/video to remain on the Review screen.
- **Quality**. Select the image quality level for captured photos.
- **Capture Format** (Video and MMS Video modes). Select the file format for recorded videos.
- **Time Stamp** (Photo mode). Include the date and time on captured photos.
- **Storage**. Select where to save photos and videos. You can either save the files to the main memory, or to a storage card if available.
- **Keep Backlight**. Turn the backlight on or off. This overrides your device backlight settings while you are using the camera.
- **Image Properties**. Adjust the image properties.

1 Tap a property to adjust.
2 Save the settings.
3 Decrease the value.
4 Reset all properties to default.
5 Increase the value.
6 Close the Image Properties screen without applying and saving the changes.
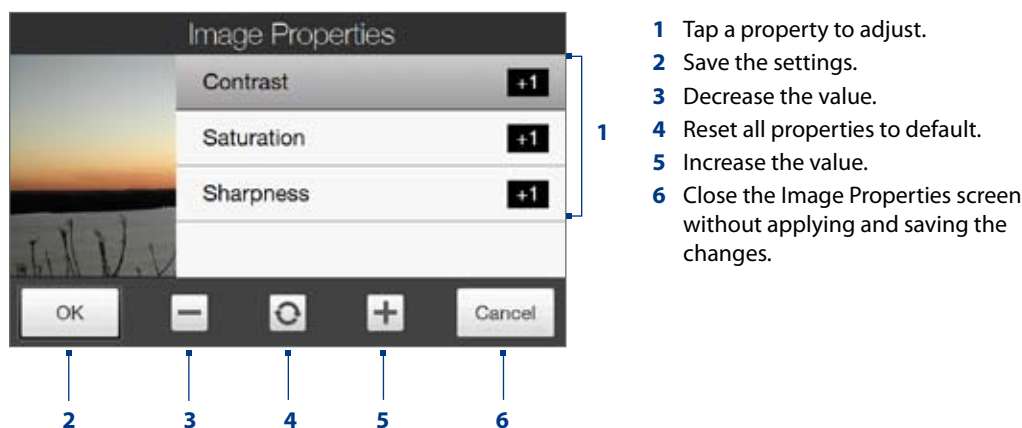
- **Effect**. Apply a special effect to your photos or videos.
- **Metering Mode**. Select a metering mode to allow the camera to measure the amount of light and calculate the best-fit exposure value before capturing.
- **Prefix**. The file name of a newly captured photo or video is set to "IMAGE" or "VIDEO" followed by a sequential number, for example: IMAGE_001.jpg. You can also choose the current date or date and time as the file name prefix.

  Note You can not change the file name prefix when saving captured photos to a storage card. Captured photos are named using the convention IMAGnnnn.jpg (where 'nnnn' is the counter), and are saved to the \DCIM\ 100MEDIA folder on the storage card.

- **Counter**. Reset the file naming counter back to 1.
- **Flicker Adjustment**. When taking indoor shots under fluorescent lighting, keep this setting on **Auto** or change it to the proper frequency (**50Hz** or **60Hz**) of the power in your country to reduce flicker.
- **Grid** (Photo mode). Show a grid on the screen so you can easily frame and center your subjects.
- **Record with Audio** (Video and MMS Video modes). Select **On** to record videos with audio, or **Off** to record videos without audio.
- **Recording Limit** (Video mode). Set the maximum duration or file size for recording video.
- **Template** (Picture Theme mode). Select a template.
- **Template Folder** (Picture Theme mode). By default, templates are stored in the \My Documents\ Templates folder on the device's **Main Memory**. If you transferred some templates to a storage card, set this option to **Main + Card**.
- **Show Reminder** (Contacts Picture mode). Select **On** if you want the Camera to prompt you to assign the captured picture to a contact.
- **Direction** (Panorama mode). Choose the direction in which to stitch the photos in a panorama.
- **Stitch Count** (Panorama mode). Select the number of shots to take and stitch into a panorama.

11.2 Viewing Photos and Videos Using Album

Use **Album** to view photos and videos in your device.

To open Album

On the Home screen, slide to the **Photos and Videos** tab, and then tap **Album**. You can also tap [icon] while on the Camera program to open Album.

Open the Camera program.

View the photo in full screen.

View another album.

Play the video file.

Start a slideshow, set the album as favorite, and more.
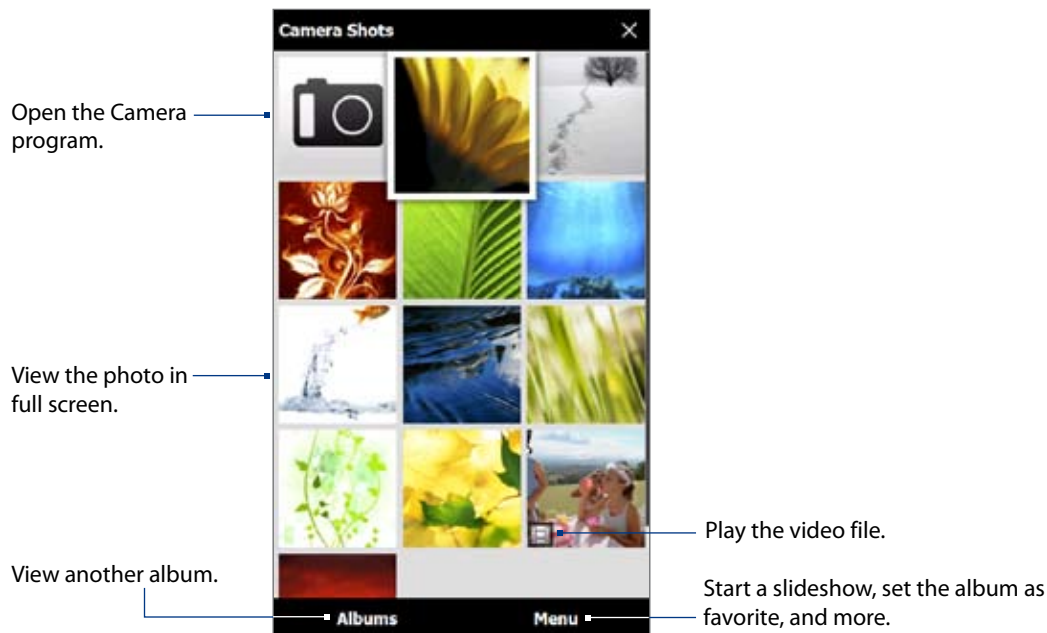
Viewing photos

While viewing a photo, tap the screen to display the following icons:

Return to the previous screen.

Save the photo as a contact picture, save the on-screen image as a new file, and more.

Start the slideshow.

Send the photo using e-mail or MMS.
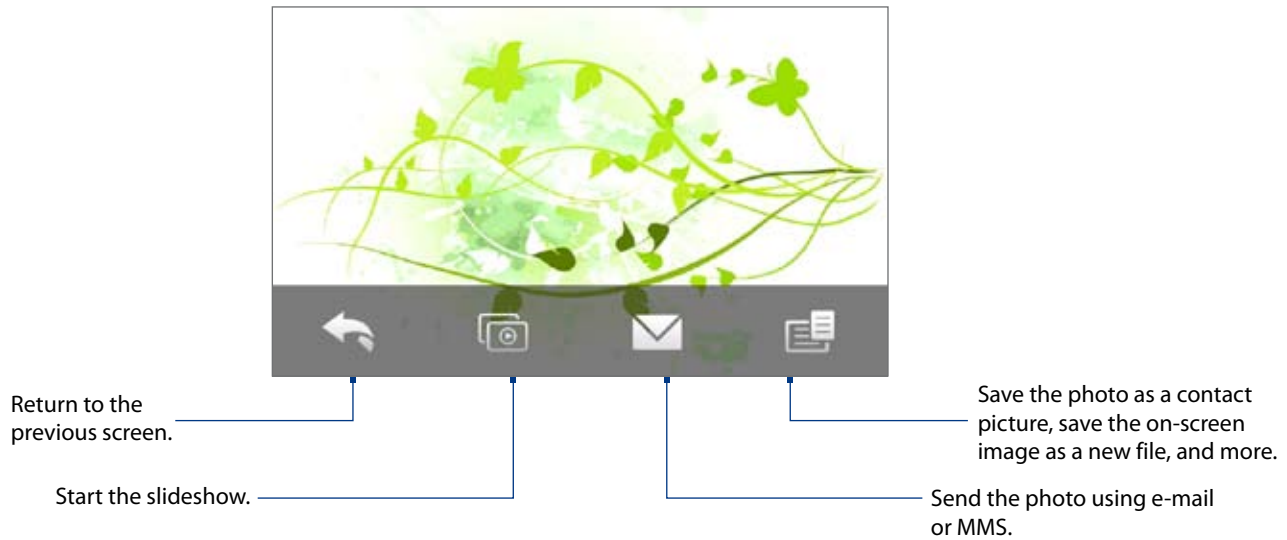
To view the next or previous photo in the album

When you are holding your device upright, view the next or previous photo by swiping your finger up or down the screen.

When you turn your device sideways, view the next or previous photo by swiping your finger left or right across the screen.

To zoom in or out on an photo

Double-tap the area on the photo you want to zoom in on. To zoom out, double-tap the screen again.

Tips • Use the zoom bar to zoom in on the center of the photo. Slide your finger towards ⊕ on the zoom bar to zoom in. Slide towards ⊖ on the zoom bar to zoom out.

• When you zoom in on a photo, tap and hold the screen to pan and view other areas of the photo. When you zoom in on a photo, tap the screen, tap 📋 and then select **Save Screen Image** to save the zoomed in photo as a new file.

To view a slideshow of photos in the current album

While viewing a photo, tap the screen, and then tap 📷 .

Note   Animated GIF and video files are excluded from the slideshow.

During the slideshow, tap the screen to show the playback controls.

Set the transition effect, time per slide, and orientation of the photos.

Return to the previous screen.

Return to the previous image.

Go to the next image.

Play or pause the slideshow.
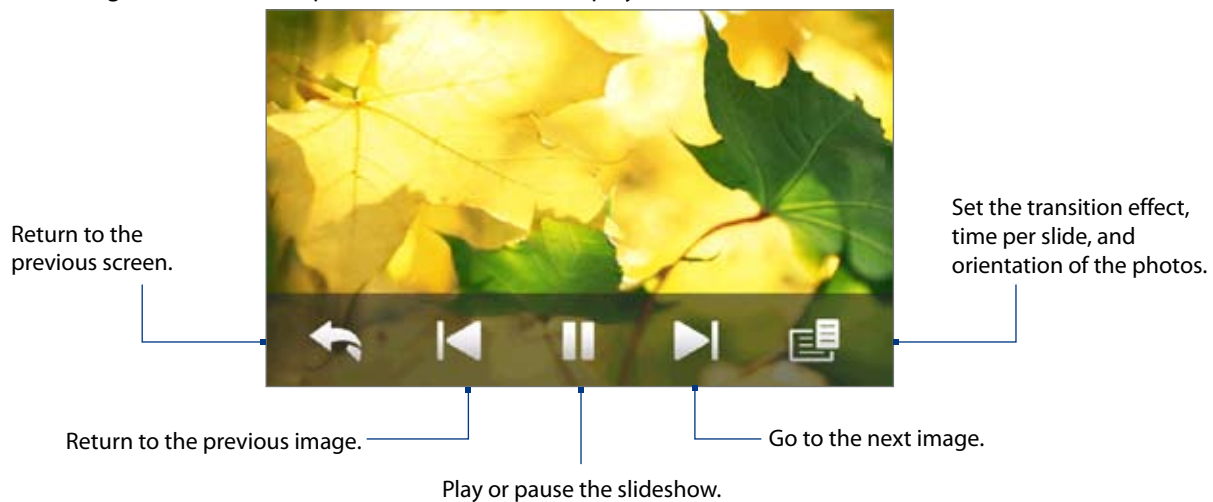
Tip   If the photos are in your favorite album, you can start the slideshow from the **Photos and Videos** tab on the Home screen. See "Photos and Videos" in Chapter 3 for details.

Playing videos

While playing back video, tap the screen to show the playback controls.

Drag to go forward or
backward in the video.

Elapsed time

Go back to the
beginning of the
video.

Total duration

Change the video
display mode to Fit &
Crop (default), Best Fit,
or Stretch.

Play or pause
the video.

Stop the video.

Closing Album

When viewing photos in full screen, tap the screen to show the on-screen menu or playback controls and then tap to go back to the main Album screen.

Tap on the main Album screen to close Album.

11.3 Using Windows Media® Player Mobile

Windows Media® Player Mobile plays digital audio and video files that are stored on your device or on the web.

To open Windows Media® Player Mobile

Tap **Start > All Applications > Windows Media**.

Windows Media® Player Mobile opens with the Library screen. Use the Library screen to find and play songs, videos, and playlists that are stored on your device or on the storage card.

Playing media

To update the Library

In most cases, Windows Media® Player Mobile automatically updates the library. However, you can manually update the library to ensure that it contains new files that you recently copied to your device or to the storage card. Tap **Menu > Update Library** to manually update the library list.

To play audio and video files

1. On the Library screen, tap the Library arrow (near the top of the screen), then tap the media storage that you want use, for example, **Storage Card**.

2. Select a category (for example, My Music or My Playlists).

3. Tap and hold the item that you want to play (such as a song, album, or artist name), and then tap **Play**.

    The playback screen opens and plays the audio or video file.

Drag to jump to any part
of the video or audio.

Mute/Unmute

Full screen

Increase volume

Visit WindowsMedia.com

Decrease volume

Skip to the beginning of the current
file or to the previous file.

Skip to the next file.

Play/Pause
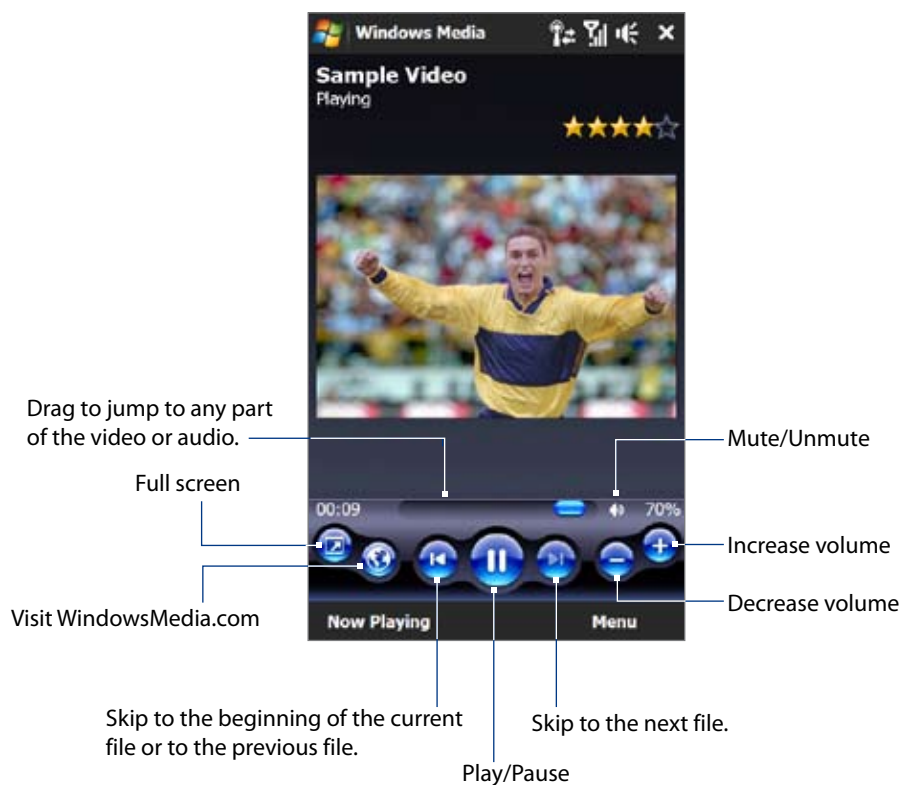
Synchronizing video and audio files

Use the latest version of Windows Media® Player on your computer to synchronize digital media files from your computer to your device. This ensures that protected files and album art (for skins) are correctly copied to your device.

To automatically synchronize content to your device

1. On your computer, open Windows Media® Player, then connect your device to your computer.

2. In the Device Setup Wizard, select **Yes, search my computer now**.

   Note If you have previously opened Windows Media® Player and searched for media on your computer, you are not prompted to search your computer in step 2.

3. On the Device Setup dialog box, enter a name for your device and click **Finish**.

   Note If you installed a storage card that has a capacity of more than 4GB and your entire library can fit into the storage card, Windows Media Player will automatically synchronize your music files. The device also needs to be set to **Disk Drive** mode for Windows Media Player to automatically synchronize.

4. On the left panel of Windows Media® Player, right-click the name of your device and click **Set Up Sync**.

   Note To set up media synchronization on a storage card, right-click Storage Card in the left panel of Windows Media® Player, then click **Set Up Sync**.

5. Select the playlist(s) that you want to sync between your computer and device, then click **Add**.

   Note On the Device Setup dialog box, make sure that the **Sync this device automatically** check box is selected.

6. Click **Finish**.

The files begin synchronizing to your device. The next time you connect your device to your computer while Windows Media® Player is running, synchronization will start automatically.

To manually synchronize content to your device

1. If you have not set up media synchronization between your device and computer, follow steps 1 to 3 in "To automatically synchronize content to your device".

2. Click the **Sync** tab on the Windows Media® Player of your computer. Select a Playlist or a Library on the left panel of the Windows Media® Player.

3. From the Content List, drag the media files that you want to sync to your device and drop them to the Sync List.

Playlists and Library List   Content List   Sync List
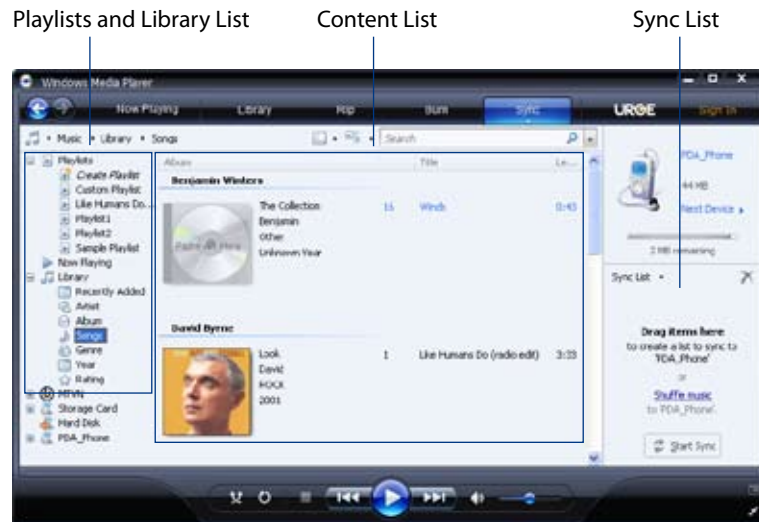
4. Click **Start Sync** to start synchronizing the selected files to your device.

Notes • Use Windows Media® Player 11 or higher on your computer to synchronize media files to your device.

• Audio files copy faster if Windows Media® Player is configured to automatically set the quality level for audio files copied to your device. For more information, see the Windows Media® Player Help.

Creating playlists

Create a new playlist by saving the current Now Playing playlist and giving it a new name.

To save a new playlist

1. If you are not on the Library screen, tap **Menu > Library**.

2. Tap to select a category (for example, My Music or My Playlists).

3. Select a media file that you want, then tap **Menu > Queue Up**. This adds the file to the Now Playing list. Repeat this step until you have added all desired media files to the Now Playing list.

   Note You cannot select multiple files simultaneously.

4. After adding the media files, tap **Menu > Now Playing**.

5. On the Now Playing screen, tap **Menu > Save Playlist**.

6. Enter the playlist name, then tap **Done**.

7. To play back the playlist you created, tap My Playlists in the Library, select your playlist, then tap **Play**.

Troubleshooting

For troubleshooting information, visit http://www.microsoft.com/windowsmobile/en-us/help/more/windows-media-player.mspx

11.4 Using Audio Booster

Audio Booster optimizes sound by providing an audio equalizer for a better listening experience. To use Audio Booster, connect the supplied wired stereo headset to the 3.5mm audio jack on your device.

To open Audio Booster

Tap **Start > All Applications > Audio Booster**.
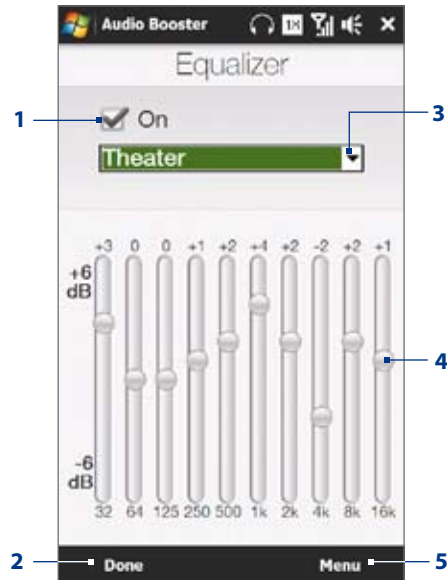
1	Enable or disable the equalizer.
2	Apply the modified settings.
3	Choose the equalizer preset to use.
4	Drag the sliders to adjust the frequency.
5	Exit Audio Booster without applying the modified settings, or save or delete preset equalizer settings.

To create a custom equalizer preset

1. Adjust the frequency bands to your desired values by dragging the equalizer controls.
2. When finished, tap **Menu > Save as Preset**.
3. Enter a preset name and then tap **Done**. The equalizer preset is added to the preset list box.

Note   To delete a custom equalizer preset, select it on the preset list box and then tap **Menu > Delete Preset**. You cannot delete pre-installed equalizer presets.

11.5 Using MP3 Trimmer

Use **MP3 Trimmer** to trim an MP3 file and save it as a new file or set it as a ring tone.

To open MP3 Trimmer

Tap **Start > All Applications > MP3 Trimmer**.

Title

Duration

Playback time

Start and **End Points**
Set the part of the music to use as a ring tone or save as a new file. Drag the left handle to set the start time, then drag the right handle to set the end time.

Play/Stop

Start Point / End Point
To accurately set the start and end points, tap these controls to step backward/forward.
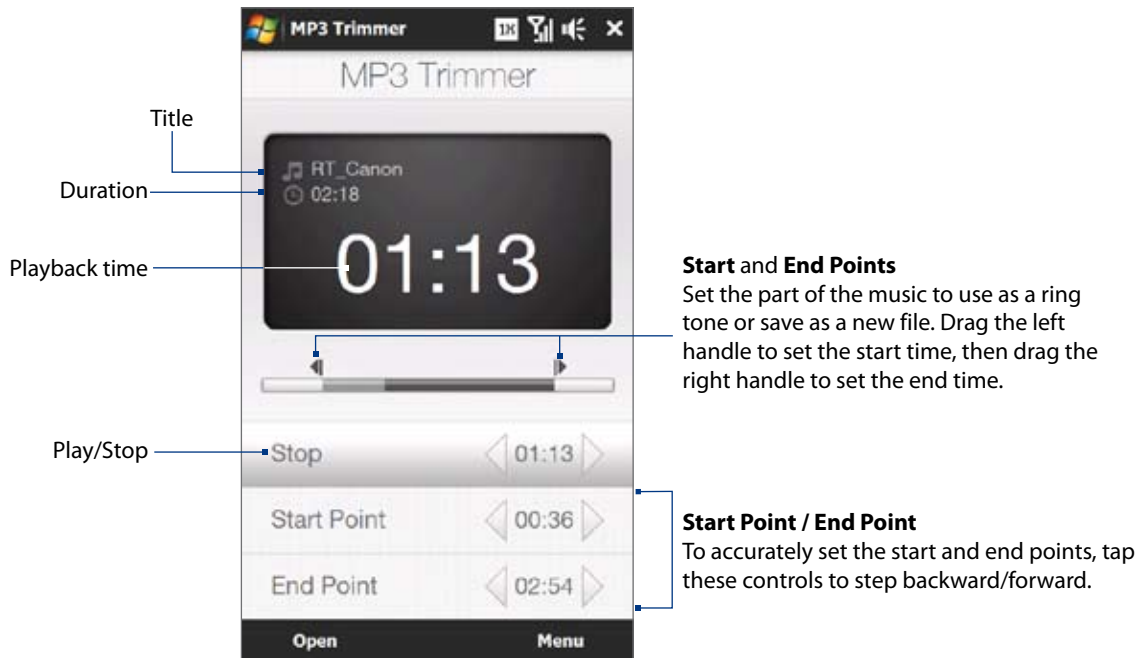
To trim an MP3 file

1. Tap **Open** to locate and select the MP3 file you want to trim.
2. On the MP3 Trimmer screen, use the stylus to adjust the **Start Point** and **End Point**.

    Note After you set the **Start Point**, the MP3 file plays from the start point. After you set the **End Point**, the MP3 file plays from 5 seconds before the end point.
3. Tap **Play** to play the trimmed file.
4. Tap **Menu** and select to whether set the file as the default ring tone, save the file to the ring tone folder, or save it as another file name.

Chapter 12
Programs

12.1 Managing Programs

Launching a program

Tap **Start > All Applications**, and then tap a desired program. To view more programs, scroll down the screen by swiping your finger upward. See "Start Screen" in Chapter 1 for details.

Installing a program

You can install or uninstall additional programs. Your device does not allow you to uninstall most of the preinstalled programs.

Note Before you purchase additional programs, make sure that they are compatible with your device.

Before you launch the program installer, check first whether the installer can directly run on Windows Mobile or needs to be run on a computer.

To install a program directly on your device

1. If the installer is a .cab file, directly download or copy it to your device.
2. On your device, open File Explorer and navigate to the installer file.
3. Tap the file to launch the installer.
4. Choose whether to install the program into the main memory or your storage card, if you have the storage card inserted on your device.
5. Wait for the installation to complete.

Note You may be prompted to restart your device after installation is completed.

To install a program from your computer

1. If the installer is an .exe file such as Setup.exe, most likely, the installer needs to be run on a computer. Download or copy it to your computer.
2. Connect your device to your computer using the USB cable, and then double-click the installer file on your computer to launch the installer.
3. Follow the on-screen instructions on your computer and your device to complete the installation.

To uninstall a program

1. Tap **Start** > **Settings**, and then tap **All Settings**.
2. On the **System** tab, tap **Remove Programs**.
3. In the **Programs in storage memory** list, select the program you want to remove, and then tap **Remove**.

12.2 Contacts

Contacts is your address book for people and businesses you communicate with. You can add **Outlook contacts** from your device or synchronized with your PC or the Exchange Server.

Note   See Chapter 2 for information on adding SIM contacts.

To open the Contacts screen

Tap **Start > All Applications > Contacts**.

Adding new contacts

To add a contact on your device

1. On the Contacts screen, tap **New**, select **Outlook Contact**, and enter the contact information.
2. To add a photo of the contact, tap **Select a picture**, and then select the picture file or tap **Camera** to take a photo of the contact.
3. In the **File as** field, choose how you want the contact name to appear in the contact list.
4. To assign a ring tone to the contact, tap the **Ring tone** field, scroll through the list of tones, then select a desired tone.
5. When finished, tap **OK**.

Tip   To edit contact information, tap the contact name and then tap **Menu > Edit**.

Organizing and searching contacts

To group similar contacts

For easier contact management, you can group contacts by assigning them into categories.

1. Create a new Outlook contact or edit an existing Outlook contact.
2. Tap **Categories**.
3. Select a preset category such as Business or Personal, or tap **New** to create your own category.
4. When finished, tap **OK**.

To find a contact on your device

There are several ways to find a contact when your contact list is long:

- Begin entering a contact name in the provided text box until the contact you want is displayed.
- On the Quick Scroll bar on the right of the Contacts screen, scroll to or tap a letter to go directly to the part of the contacts list where contact names start with that letter.

    Note You can disable the Quick Scroll bar by tapping **Menu > Options** and selecting the **Show alphabetical index** check box. This shows the alphabetical index at the top of the Contacts list.

- Filter the list by categories. In the contact list, tap **Menu > Filter**, then tap a category you've assigned to a contact. To show all contacts again, select **Menu > Filter > All Contacts**.

Quick Scroll bar

Sharing contact information

You can quickly send contact information to another mobile phone or device through Bluetooth.

To send contact information via Bluetooth

1. Tap and hold a contact on the Contacts screen.
2. Tap **Send via Bluetooth**, then select the device where to send the contact.

Note Before sending, make sure Bluetooth is turned on and set to visible mode on your device and the target mobile device. You can also send contact information to your computer. See Chapter 9 for details.

To send contact information via text messaging

1. Tap and hold a contact on the Contacts screen.
2. Tap **Send Contact > SMS / MMS**.
3. Select the contact information you want to send, and then tap **Done**.
4. In the new text message, enter the mobile phone number of the recipient, and then tap **Send**.

12.3 JETCET™ PRINT

JETCET PRINT lets you print image files or documents from your device straight to a Bluetooth or network printer. You can also print e-mail messages, e-mail attachments, appointments, contacts, and tasks.

Tip For more information about JETCET PRINT, consult the JETCET PRINT help on your device. Tap **Menu > Help > Contents** on the JETCET PRINT screen.

To open JETCET PRINT

Tap **Start > All Applications > JETCET PRINT 5**.

Select an e-mail, e-mail attachment, appointment, calendar, or task to print.

Select an image to print.

Select a document to print.

Set up a printer or change the printer settings.

Select additional tools and options.
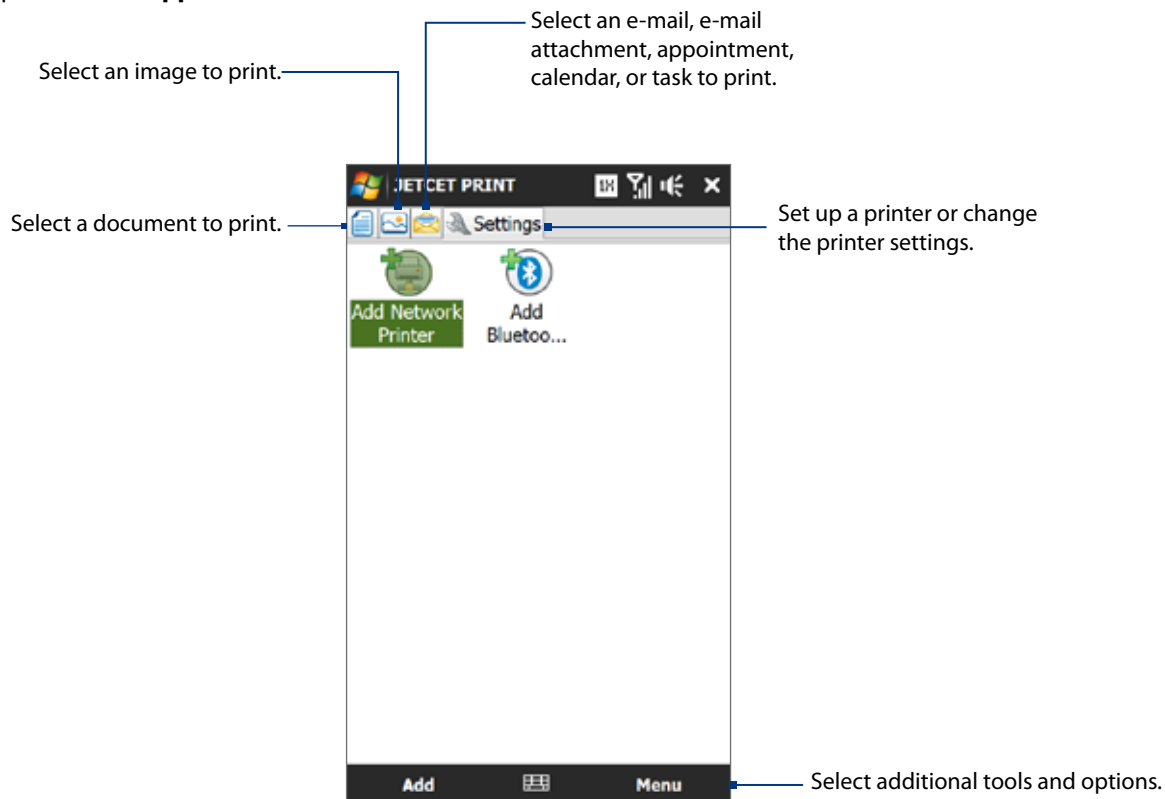
To set up a printer

You must configure your device to connect to a printer before you can start printing.

1. Tap **Start > All Applications > JETCET PRINT 5**.

2. If you are not in the **Settings** tab, tap the settings button (   ), and do either of the following:

   - Tap **Add Network Printer** to set up and connect to a shared network printer.

     Note The device will wait continuously if you have entered an incorrect IP address while setting up a network printer.

   - Tap **Add Bluetooth Printer** to set up and connect to a Bluetooth printer.

Note To learn how to set up a printer, refer to the JETCET PRINT help on your device.

To print a file

1. Tap **Start > All Applications > JETCET PRINT 5**.

2. Locate and select the type of file that you want to print (document, image, or e-mail/PIM) by tapping the corresponding tabs on the left side of the screen.

3. Tap and hold the file that you want to print, and then tap **Print** on the menu.

4. Select a printer in the **Choose a Printer** list box, select the paper size, and then tap **Next**.

5. Choose the page layout in the list, and then tap **Next** to print the file.

Tip You can also print document and image files from File Explorer. To print, use File Explorer to locate the file you want to print. Tap and hold the file, and then tap **Print with JETCET 5** on the pop up menu.

12.4 JETCET Presentation

If you are away from your office and urgently need to make a presentation, you can use JETCET Presentation to create a PowerPoint file and present it from your device.

JETCET Presentation also allows you to open and display presentations that were created in Microsoft PowerPoint 97, PowerPoint 2000, PowerPoint 2002 (XP), or PowerPoint 2003.

Opening JETCET Presentation

Tap **Start > All Applications > JETCET Presenter 5**.

Creating a new presentation

When you open JETCET Presentation, the main screen displays a folder tree. Tap **Menu > Cancel** first and then tap **Menu > File > New** to create a new presentation. You can then enter text, insert graphics, and add more slides.

To add text to a slide

1. Tap **Edit > Shape > Insert**, tap   , and then tap **OK**.

2. Drag your finger or stylus to draw a text box on the slide.

3. While the text box is selected, set the font type, size and style first and then start entering your text using the hardware keyboard or on-screen keyboard.

4. While the text box is selected, tap **Menu > Paragraph** and then set the paragraph alignment, indentation, and line spacing.

   Tip To format the text with automated bullets or numbering, tap **Menu > Paragraph > Bullets**.

5. To modify the properties of the text box, select the text box and then tap **Edit > Shape > Modify**. You can change the fill color, add or remove the border, and more. To wrap text inside the text box, tap the **Text Box** tab and then select the **Word wrap text in AutoShape** check box.

To edit text

1. Select the text box that contains the text you want to edit.

2. Tap **Edit > Text > Modify** and then change your text. Tap within the text region to place the cursor exactly where you want to start editing.

To insert an object shape

1. Tap **Edit > Shape > Insert**.
2. Tap an object, for example, an arrow, from the **Autoshape Objects**.
3. Drag on the slide to draw the select shape.

Tip   To insert a picture, tap **Edit > Shape > Picture**.

To add and edit slides

1. Tap **Edit > Slide > New** to add a new slide.
2. To change the background color of a slide, tap **Edit > Slide > Background**.
3. In **Background fill**, tap **Fill Effects** to apply a gradient or tap **More Colors** to choose a solid color.
4. Tap **Apply** to change the background color of the current slide, or tap **Apply to All** to change all slides.
5. To apply a transition effect to the slides, tap **Edit > Slide > Transition.**
6. In **Effect**, select the type of transition effect to use and then select a speed.
7. Choose whether to advance slides on mouse click or automatically. If you select to auto-display slides, set the time delay.
8. To make the changes to the current slide only, tap **Apply**. For the changes to affect all slides in the presentation, tap **Apply to All**.

To save the presentation

If this is your first time to save your presentation, tap **Menu > File > Save As** and then enter a new file name.

To save changes made to your presentation, tap **Menu > File > Save**.

Displaying the presentation

You can connect your device to a large-screen display such as a television and show your presentation to an audience as a full-screen slideshow. For more information about connecting your device to a large-screen display, see "Connecting to an External Display" in Chapter 13.

To display the presentation as a slideshow

1. Tap the PowerPoint file in the folder tree to open the file, or tap **File > Open** and then tap the PowerPoint file.
2. Tap **Menu > Show > Set Up Show**. Select whether to advance slides **Manually** or **Using timings, if present**, and then tap **OK**.
3. Tap **Menu > Show > View Show**. The presentation is then displayed in landscape and in full screen.
4. Slide open the hardware keyboard. If you have set up the slideshow to advance manually, press the right arrow key to advance one slide forward and the left arrow key to go back one slide.

    Another way to advance one slide forward is to tap the screen.

    You can also tap the arrow watermark at the lower-left corner of the screen to open a selection menu, then tap **Next** or **Previous** to move between slides.
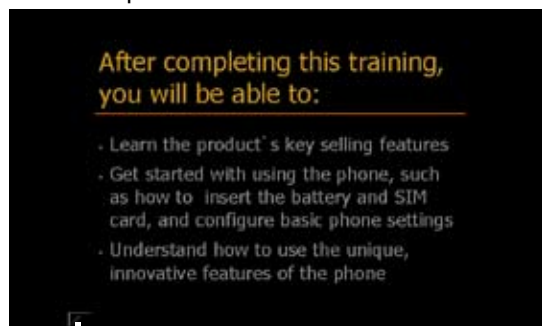
Arrow watermark

To exit the slideshow

Tap the arrow watermark, tap the down arrow to scroll down the selection menu, and then tap **End Show**.

For more information about using JETCET Presentation, tap [icon] on the toolbar of JETCET Presentation to view the program help.

12.5 Microsoft® Office Mobile

Microsoft® Office Mobile consists of the following applications:

- **Microsoft® Office Excel® Mobile** lets you create and edit Excel workbooks and templates on your device.
- **Microsoft® Office OneNote® Mobile** lets you create notes with text, photos, and voice recordings for synchronization later with Microsoft® Office OneNote® 2007 on your computer.
- **Microsoft® Office PowerPoint® Mobile** allows you to view (not create) slide show presentations in ***.ppt** and ***.pps** formats.
- **Microsoft® Office Word Mobile** lets you create and edit documents and templates in Word Mobile and save them as ***.doc**, ***.rtf**, ***.txt**, and ***.dot** files.

To use Microsoft Office Mobile

Tap **Start > All Applications**, and then tap the Office Mobile application that you want to use.

Word Mobile and Excel Mobile do not fully support some features of Microsoft® Office Word and Microsoft® Office Excel®. To find out which features are not supported, tap **Start > All Applications > Help** and then search for "unsupported" in the Help.

Tips
- By default, Word Mobile saves documents in **.docx** format, while Excel Mobile saves workbooks in **.xlsx** format. If you want to open these types of files on a computer that uses Microsoft Office 2000, Office XP, or Office 2003, you need to download and install the **File Format Converter** in your computer. Download the File Format Converter at http://www.microsoft.com/downloads/.
- If you want Word Mobile to save documents in **.doc** format, tap **Menu > Tools > Options** (or **Menu > Options** when no document is opened), then change the **Default template** to **Word 97-2003 Document (.doc)**.
- If you want Excel Mobile to save workbooks in a format that is compatible with Microsoft Office 2000, Office XP, or Office 2003, tap **Menu > Options** (with no workbook opened), then change the **Template for new workbook** to **Blank 97-2003 Workbook**.

12.6 WorldCard Mobile

WorldCard Mobile lets you take a photo of a business card and easily export the contact information on the card into your Contacts.

To capture a business card and export its information to Contacts

1. Tap **Start > All Applications > WorldCard Mobile**.
2. Tap [icon] on the WorldCard Mobile screen to open the Camera program.
3. Tap the Virtual Camera button ([icon]) to take a photo of the business card, then tap the Back button ([icon]) on the Review screen. Refer to Chapter 11 for details on how to use the camera.

   Tip Make sure that the business card is displayed completely on the Camera screen before you take the photo, and that lighting is adequate.
4. On the WorldCard Mobile screen, tap **Recognize**.

   Tips
   - If you want to retake the shot, tap **Re-Capture**.
   - For better recognition, choose the language and region based on the language used in the business card.
5. The screen shows various contact information from the business card. Edit the contact information, if needed. Clear the check boxes of items that you do not want to be exported.
6. Tap **Export**, then go to your Contacts list to view the exported contact.

For more information about using WorldCard Mobile, tap [icon] on the WorldCard Mobile screen to view the program help.

12.7 Voice Command

Voice Command lets you make phone calls, open programs, play back music, get calendar information, and more, just by using your voice. It only responds to a set of predefined commands and does not allow you to record your own commands.

This section gives a few examples on how to use Voice Command. For more information, see Voice Command Help. To access the Help, tap **Start > All Applications > Help > Help for Added Programs > Voice Command**.

To use Voice Command

1. Hold your device a few inches away from your mouth.
2. Press and hold the TALK/SEND button, then release when you see a **Microphone** icon on the title bar.
3. In a clear voice, say a command. For example, say "**Help**" to ask for information about using Voice Command.
4. Voice Command then asks you a question. Speak out your answer.

To place a call

You can call contacts, dial a phone number, redial, and place a return call.

1. Press and hold the TALK/SEND button, then release when you see a **Microphone** icon on the title bar.
2. In a clear voice, say one of the following commands:
   - "**Call** [contact name]" to call a device contact or SIM contact.
   - "**Redial**" to repeat the last call made.
   - "**Callback**" to return the last call received.
   - "**Call** [contact name] at [location]" to call a contact at a specific number. For example, say:
     - "**Call Ann at mobile**"
     - "**Call Ann at home**"
     - "**Call Ann at work**"
3. Voice Command will then confirm with you the contact or number to call. Say "**Yes**" or "**Correct**."
   Note If Voice Command is wrong about the contact or number to call, say "**No**" or "**Incorrect**" to try again.
4. Your device. starts to call the contact or number.

To open a program

1. Press and hold the TALK/SEND button, then release when you see a **Microphone** icon on the title bar.
2. In a clear voice, say "**Start**", "**Open**", or "**Show**" then the program name.

To request information from your calendar

1. Press and hold the TALK/SEND button, then release when you see a **Microphone** icon on the title bar.
2. In a clear voice, ask for the information you want to retrieve. For example, say:
   "**What's my next appointment?**"
   "**What's my next meeting?**"
   "**What's my schedule tomorrow?**"

To request the date and time

1. Press and hold the TALK/SEND button, then release when you see a **Microphone** icon on the title bar.
2. In a clear voice, say "**What date is today?**"
3. Voice Command then tells you the current date.
4. Press and hold the TALK/SEND button again.
5. Say "**What time is it?**"
6. Voice Command then tells you the current time.

Chapter 13
Managing Your Device

13.1 Copying and Managing Files

Copy files between your device and computer, or copy files to a storage card installed on your device. You can also efficiently manage your files and folders using File Explorer.

To copy files using Windows Mobile Device Center or ActiveSync

1. Connect your device to the computer.
2. Click **File Management > Browse the contents of your device** in Windows Mobile Device Center on your computer, or click **Explore** in ActiveSync on your computer. This displays the content of your device in Windows Explorer on your computer.
3. To copy a file from your device to your computer:
    a. Browse the contents of your device, right-click the file you want to copy, and then click **Copy**.
    b. Right-click a folder on your computer, and then click **Paste**.
4. To copy a file from your computer to your device:
    a. Browse the folders on your computer, right-click the file you want to copy, and then click **Copy**.
    b. Right-click a folder on your device, and then click **Paste**.

To manage files on your device using File Explorer

File Explorer lets you browse and manage the contents of your device. The root folder on the device is named **My Device**, and contains the following folders: My Documents, Program Files, Windows, and more.

1. Tap **Start > All Applications > File Explorer**.
2. Tap a folder or file to open it.
3. To return to an upper level folder, tap **Up**.
4. To quickly delete, rename, or copy a file, tap and hold the file, and then choose the desired operation on the shortcut menu. To copy or delete multiple files, tap and drag over the desired files, tap and hold the selection, and then choose an option from the menu.

To copy files to a storage card

1. Make sure that the storage card is properly installed on your device.
2. Connect the device to your computer using the USB cable, select **Disk Drive** on the Connect to PC screen, and then tap **Done**.
3. On your computer, navigate to the removable disk drive, and then start copying files to the storage card.
4. When finished, disconnect the device from your computer.

13.2 Settings on your Device

You can adjust the device settings to suit the way you work. Use the Settings tab to adjust basic device settings. See "Settings" in Chapter 3 for details.

To see all available settings, tap **Start > Settings**, and then tap **All Settings**.

Personal tab

Icon	Description
	Buttons Assign a program or function to a hardware button or set the function you want to execute when you press and hold the TALK/SEND button or the Favorite button (My Button ⚹) on the hardware keyboard..
	Hearing Aid Compliance Reduces interference when using the phone while wearing a hearing aid.
	Input Set options for each of the input methods. For instance, you can set the device to play a sound or vibrate when you tap a Full QWERTY or Phone Keypad key.
	Keyboard Sliding Sound Select a sound to play when you open and close the hardware keyboard.
	Lock Set a password for your device.
	Menus Set which programs appear in the Start menu. **Note** The Start menu is disabled when the TouchFLO 3D Home screen is enabled. To enable the Start menu, tap **Start > Settings**, tap **All Settings > Personal** tab **> Today > Items** tab, and then clear the **TouchFLO 3D** check box.
	Owner Information Enter your personal information on your device.
	Phone Customize phone settings such as the ring tone, select phone services, change networks, .and more.
	Sounds & Notifications Enable sounds for events, notifications, and more, and set the type of notification for different events.
	Today Customize the appearance of the Home screen and the information to display on it. **Note** You will not see the Today screen when the TouchFLO 3D Home screen is enabled. To display the Today screen, tap **Start > Settings** button, tap **All Settings > Personal** tab **> Today > Items** tab, and then clear the **TouchFLO 3D** check box.
	Voice Command Choose which functions you want to access by speaking out voice commands.

System tab

Icon	Description
	About This is where you can see basic information such as the Windows Mobile® version and type of processor used on your device. You can also specify a name for your device.
	Auto Volume Control Automatically adjust the recording volume to an even level.
	Certificates See information about certificates that are installed on your device.
	Clock & Alarms Set the device clock to the date and time of your locale or to a time zone you are visiting. Alarms can also be set on specified days and times of the week.
	Customer Feedback Set your device to automatically send information about how you use Windows Mobile. By default, this option is disabled.
	Device Information See information about the firmware version, hardware, identity, and the duration of calls made on your device.
	Encryption Encrypt files on your storage card. Encrypted files are only readable on your device.
	Error Reporting Enable or disable the device's error reporting function. When this function is enabled and a program error occurs, technical data about the state of the program and your computer is logged in a text file and delivered to Microsoft's technical support if you choose to send it.

Icon	Description
	External GPS Set the appropriate GPS communication ports, if required. You may need to do this when there are programs on your device that access GPS data or you have connected a GPS receiver to your device.
	G-Sensor Recalibrate the G-Sensor of the device. Use this function when auto-rotate is not working properly.
	Managed Programs Displays the programs that were installed on your device using System Center Mobile Device Manager.
	Memory Check the device memory allocation and storage card information and use Clear Storage to reset your device to factory default settings..
	Power Check the remaining battery power. You can also set the brightness of the backlight and the timeout for turning off the display (switching the device to Sleep mode) to conserve battery power.
	Regional Settings Set the regional configuration to use, including the format for displaying numbers, currency, date, and time on your device.
	Remove Programs Uninstall programs that you previously installed on your device.
	Screen Recalibrate the screen, apply ClearType to display text more clearly, and change the screen text size.
	Task Manager Stop running programs and set the ( ) button to end programs immediately when you tap the button. For more information, see "Using Task Manager" in this chapter.
	Text Messaging Change between classic text messaging and threaded messaging.
	TouchFLO Set the device to vibrate when you tap the tabs, links, or other onscreen items of supported applications.
	TV Out Set the video standard to use when outputting to an external display.
	Windows Update Link to Microsoft's web site and update Windows Mobile® on your device with the latest security patches or fixes, if they are available.

Connections tab

Icon	Description
	Bluetooth Turn Bluetooth on, set your device to visible mode, and scan for other Bluetooth devices.
	Comm Manager Manage your device's connections (including the phone, data connection, Wi-Fi, and Bluetooth) or turn the phone function on or off.
	Connections Set up one or more types of modem connection for your device, so that your device can connect to the Internet or a private local network.
	Domain Enroll Enroll your device in your company's domain to let System Center Mobile Device Manager manage the device. Ask your network administrator for more details.
	USB to PC Set the type of USB connection to your PC. Select the **ActiveSync** option for synchronizing data, or use **Disk Drive** mode for transferring files.
	Wi-Fi Turn the Wi-Fi function on or off, scan for available wireless networks, see information about the active wireless network, and customize Wi-Fi settings.

13.3 Changing Basic Settings

Display settings

To manually adjust the screen brightness

By default, your device automatically adjusts the screen brightness according to the ambient lighting.

1. Tap **Start > Settings**, and then tap **All Settings**.
2. On the **System** tab, tap **Power > Backlight** tab.
3. Clear the **Auto adjust backlight** check box.
4. Adjust the brightness by dragging the slider under **On battery power** and **On external power.**

To automatically turn off the screen backlight when the device is not in use

1. Tap **Start > Settings**, and then tap **All Settings**.
2. On the **System** tab, tap **Power > Advanced** tab.
3. In **On battery power** and **On external power**, specify the time before the screen backlight turns off.

To increase or decrease the size of text on the screen

1. Tap **Start > Settings**, and then tap **All Settings**.
2. On the **System** tab, tap **Screen > Text Size** tab.
3. Move the slider to increase or decrease the text size.

To re-calibrate the touch screen

The device touch screen is calibrated before shipment. Re-calibrate the touch screen if it does not accurately respond to screen taps.

1. While the device is on, press and hold the VOLUME UP and VOLUME DOWN buttons, and then tap the screen to open the align screen.
2. Follow the on-screen instructions to complete the calibration.

Device name

The device name is used to identify your device when synchronizing with a computer, connecting to a network, or restoring information from a backup.

Note   If you synchronize multiple devices with the same computer, each device must have a unique name.

To change the device name

1. Tap **Start > Settings**, and then tap **All Settings**.
2. On the **System** tab, tap **About > Device ID** tab.
3. Enter the device name.

Notes • The device name must begin with a letter, consist of letters from **A** to **Z**, numbers from **0** to **9**, and cannot contain spaces. Use the underscore character to separate words.
• If you enroll your device to your company's domain, the device name will be changed to be the same as the one used to enroll the device.

Ringer settings

To change the ring type and ring tone

1. Tap **Start > Settings**, and then tap **Sound**.
2. Scroll down and then tap **Ring Type**. Select the ring type you want to use, and then tap **Done**.
3. Tap **Ringtone**, and then select the ring tone you want to use.
4. Tap **Done**.

Tips • You can use ***.wav**, ***.mid**, ***.mp3**, ***.wma**, or other types of sound files that you downloaded from the Internet or copied from your computer. For a complete list of supported audio file formats, see "Specifications" in the Appendix.

• To use your sound files as ring tones, copy them first to the **/My Documents/My Ringtones** folder on your device, and then select the sound from the **Ring tone** list of your device. For more information about copying files, see "Copying and Managing Files" in this chapter.

To choose how to be notified about events or actions

1. Tap **Start > Settings**, and then tap **Sound > Advanced**.

2. On the **Sounds** tab, choose how you want to be notified by selecting the appropriate check boxes.

3. On the **Notifications** tab, in **Event**, tap a ring type and ring tone for that event or action from the lists below.

> **Tip** Turning off sound notifications helps conserve battery power.

13.4 Using Comm Manager

Comm Manager lets you easily turn on and off the communication features of your device such as the phone, Bluetooth, Wi-Fi, and data connection.

To access Comm Manager

Tap **Start > Settings**, and then tap **Communications**.

1	Switch Airplane Mode on or off. See "Turning the Phone Function On and Off" in Chapter 2.
2	Access the phone settings, configure phone services, and more.
3	Connect a Bluetooth headset or other Bluetooth-enabled device. See Chapter 9 for details.
4	Connect to a wireless network. See Chapter 8 for details.
5	Open ActiveSync and adjust the push e-mail settings. See Chapter 7 for details.
6	Open the Connections screen and manage connection settings.
7	Switch the phone on or off. See "Turning the Phone Function On and Off" in Chapter 2.
8	Switch Bluetooth on or off. See Chapter 9 for details.
9	Switch Wi-Fi on or off. See Chapter 8 for details.
10	Switch between automatically receiving (as items arrive) or manually retrieving Outlook e-mail messages. See Chapter 7 for details.
11	Connect or disconnect the current data connection.
12	Adjust the phone, Bluetooth, and Wi-Fi settings.
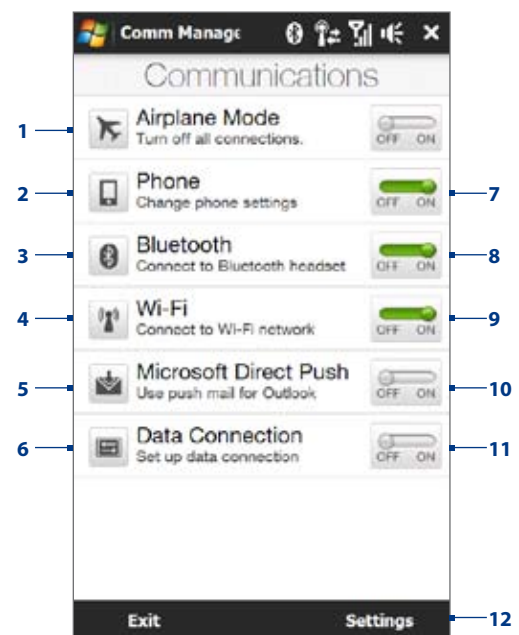
13.5 Using Task Manager

Task Manager lets you view and stop running programs, configure the ▧ button, and enable the Quick Menu on the Home screen.

To open Task Manager

Tap the **Quick Menu** button on the top-right corner of the Home screen to open the Quick Menu, and then tap ▧.

To configure the Exit (▧) button

By default, running programs are shut down when you tap and hold the ▧ button.

1. On the Task Manager screen, tap the **Button** tab.

    Note When you clear **Enable the "X" button to end running programs**, tapping the Exit button only closes a program screen. The program is not ended and continues to run in the background.

2. Choose the action for shutting down programs (by tapping the ▧ button, or by tapping and holding the ▧ button).

3. Tap **OK**.

To add a running program to the exclusive list

If you add a running program to the **Exclusive Programs List**, it will not be closed when you tap **Stop Selected** or **Stop All** and will not be listed in the Quick Menu on the Home Screen.

1. On the Task Manager screen, tap the **Running** tab.

2. Tap and hold the program name, and then tap **Add Exclusive**.

Tip To remove a program from the exclusive list, tap and hold the program on the **Running** tab, then tap **Remove from Exclusive**.

13.6 Protecting Your Device

Protecting your device with a password

You can help keep your data more secure by requiring a password every time the device is turned on.

To set a device password

1. Tap **Start > Settings**, and then tap **All Settings**.

2. On the **Personal** tab, tap **Lock**.

3. Select the **Prompt if device unused for** check box, then specify the idle time before the device requires a password.

4. In the **Password type** box, select the type of password you would like to use.

    Tip If your device is configured to connect to a network, use an alphanumeric password for increased security.

5. Enter the password in both the **Password** and **Confirm** boxes.

6. Tap **OK**. The next time the device is turned on, you will be prompted to enter your password.

Notes • To ensure that you can always make emergency calls, do not begin your password with the digits of your local emergency number.

 • If you entered a hint, the hint will be displayed after the wrong password is entered five times.

 • Each time a wrong password is entered, the device response time gets longer until the device appears to be not responding.

 • If you forget your password, you can hard reset or clear the device memory. For more information about hard resetting the device and clearing the memory, see "Resetting Your Device".

Encrypting files on your storage card

You can set your device to encrypt files as they are saved on the storage card.

1. Tap **Start > Settings**, and then tap **All Settings**.
2. On the **System** tab, tap **Encryption**.
3. Select **Encrypt files when placed on a storage card**.

Notes • Encrypted files can only be read on the device that encrypted them.
       • Encrypted files are opened just like other files, provided you are using the device that encrypted them. There is no separate step for you to take to read these files.

Important   If **Encrypt files when placed on a storage card** is enabled, backup all files from the storage card **before** using Clear Storage, hard reset, or updating the operating system. Otherwise you will no longer be able to access the encrypted files on the storage card. Use ActiveSync or Windows Mobile Device Center to transfer files between your storage card and computer. After the procedure, copy your files back to the storage card.

13.7 Resetting Your Device

Performing a soft reset

Perform a soft (normal) reset to clear all active program memory and shut down all active programs. This is useful when your device is running slower than normal, or a program is not performing properly. If a soft reset is performed when programs are running, unsaved work is lost.

To perform a soft reset

1. Pull out the stylus.
2. Remove the back cover. For instructions, see "To remove the back cover" in Chapter 1.
3. Use the stylus tip to press the RESET button located at the upper-left side of the open back panel.
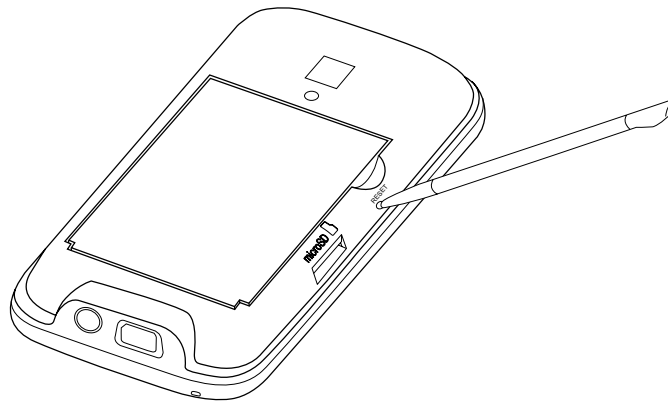
Your device restarts and displays the Home screen.

4. Replace the back cover and insert the stylus back into its compartment.

Performing a hard reset

If a normal reset does not solve a system problem, you can perform a hard (full) reset. After a hard reset, the device is restored to its default settings—the way it was when you first purchased it and turned it on. You will lose any programs you installed, data you entered, and settings you customized on your device, and only Windows Mobile® software and other pre-installed programs will remain.

Warning!   Your device will be set back to factory default settings. Make sure that any additional installed programs and/or user data have been backed up before you perform a hard reset.

Important   If **Encrypt files when placed on a storage card** is enabled, backup all files from the storage card **before** using Clear Storage, hard reset, or updating the operating system. Otherwise you will no longer be able to access the encrypted files on the storage card. Use ActiveSync or Windows Mobile Device Center to transfer files between your storage card and computer. After the procedure, copy your files back to the storage card.

To perform a hard reset

1. With the device turned off, press and hold the VOLUME DOWN, TALK/SEND, and END/POWER buttons until you see this message on the screen.

```
Wiping user data/settings &
any user installed
applications...

1. Press VolUP to restore
   manufacturer default.
2. Press VolDown to restore
   custom configuration.
3. Press other keys to
   cancel.
```

2. Release the VOLUME DOWN, TALK/SEND, and END/POWER buttons.

3. Press the VOLUME UP button to restore the operating system to the factory default configuration, press the VOLUME DOWN button to restore the factory default configuration and remove any operator customization, or press any other button to cancel the reset.

Using Clear Storage

If you can access the device settings, you can use Clear Storage to reset your device back to factory default settings.

1. Tap **Start > Settings**, and then tap **All Settings**.

2. On the **System** tab, tap **Memory > Clear Storage** tab.

3. Enter "**1234**", tap **OK** and then tap **Yes** to confirm.

13.8 Windows Update

Update Windows Mobile® with the latest security patches and fixes from Microsoft, if these are available.

To set up Windows Update

The first time you run Windows Update, you need to set up how you want Windows Update to check for updates.

1. Tap **Start > Settings**, and then tap **All Settings**.

2. On the **System** tab, tap **Windows Update**.

3. On the Update Setup screen, tap **Next**.

4. Choose how you want to check for updates, then tap **Next**.

   Note If you select **Automatic**, you are asked if you want to use your current data plan to check for updates. Select or clear the **Use my data plan to check for and download updates** check box, and tap **Next**.

5. Tap **Finish**.

To check for updates

1. Tap **Start > Settings**, and then tap **All Settings**.

2. On the **System** tab, tap **Windows Update**.

3. Tap **Check Now**.

To change Windows Update options

1. Tap **Start > Settings**, and then tap **All Settings**.

2. On the **System** tab, tap **Windows Update**.

3. Tap **Menu > Connections** to change how the device connects to the Internet when checking for updates, or tap **Menu > Change Schedule** to change how Windows Update checks for Windows Mobile® updates**.**

13.9 Connecting to an External Display

Your device has a TV output which can be connected to an external display, such as a TV monitor, that has an RCA cable socket. This allows you to output the device screen and audio to a big-screen display.

Note You need an HTC TV Out cable to be able to connect your device to an external display. The HTC TV Out cable is sold separately.

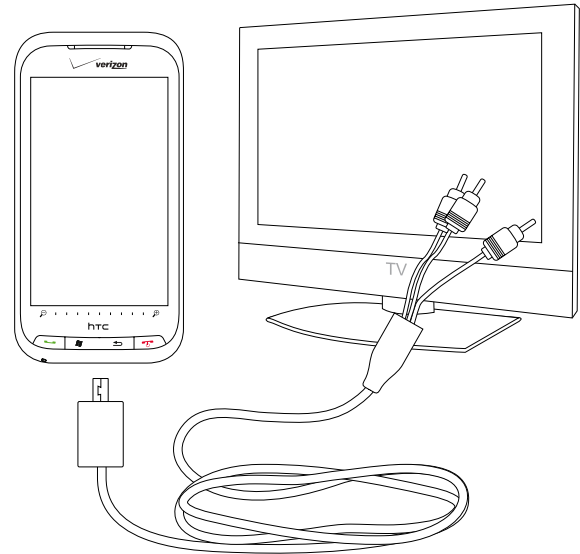### To connect the device to an external display

1. Turn off the external display.
2. Connect the ends (red, white, and yellow RCA plugs) of the HTC TV Out cable to the external display's RCA sockets.
3. Connect the mini-USB end of the HTC TV Out cable to the sync connector at the bottom of the device. The TV Out screen opens.
4. Choose the video standard to use when outputting the video and then tap **Done**.

   For example, if your video is in the NTSC standard and you select PAL-M, TV Out will automatically convert your video to PAL-M before it outputs to the external display.

   Note If you need to change the video standard option in the future, tap **Start > Settings > All Settings > System tab > TV Out**.

5. Tap the type of media you want to output.
6. Turn on the external display and then switch it to the input signal that you connected the HTC TV Out cable to (for example, Video 1).

The screen orientation is always in landscape mode while your device is connected to the external display.

Appendix

A.1 Specifications

Processor	Qualcomm® MSM7600A™, 528 MHz
Operating System	Windows Mobile® 6.1 Professional
Memory	ROM: 512 MB RAM: 288 MB
Dimensions (LxWxT)	116 X 59.2 X 17.25 mm (4.57 X 2.33 X 0.68 inches)
Weight	180 grams (6.35 ounces) with battery
Display	• 3.6-inch TFT-LCD touch-sensitive screen with 480 x 800 WVGA resolution • Adjustable tilt screen
Network	**CDMA network:** • Dual-band 800/1900 MHz • CDMA2000 1xRTT/1xEVDO/1xEVDO rev. A and IS-95A/B voice or data with up to 1.8 Mbps up-link and 3.1 Mbps down-link speeds **GSM network:** • 2100 MHz HSPA/WCDMA with up to 2 Mbps up-link and 7.2 Mbps down-link speeds • Quad-band 850/900/1800/1900 MHz GPRS/EDGE (Band frequency, HSPA availability, and data speed are operator dependent.)
Device Control	• TouchFLO™ 3D • Zoom bar
Keyboard	Slide-out 5-row QWERTY keyboard
GPS	Internal GPS antenna
Connectivity	• Bluetooth® 2.1 with Enhanced Data Rate and A2DP for wireless stereo headsets • Wi-Fi® (IEEE 802.11b/g) • HTC ExtUSB™ (11-pin mini-USB 2.0, audio jack, and TV Out* in one)
Camera	3.2 megapixel color camera with auto focus
Audio supported formats	AAC, AAC+, eAAC+, AMR-NB, AMR-WB, QCP, MP3, WMA, WAV, MIDI, M4A
Video supported formats	WMV, ASF, MP4, 3GP, 3G2, M4V, AVI
Battery	• Rechargeable Lithium-ion battery • Capacity: 1500 mAh **Talk time:** • Up to 318 minutes for CDMA • Up to 368 minutes for WCDMA • Up to 572 minutes for GSM **Standby time:** • Up to 324 minutes for CDMA • Up to 620 hours for WCDMA • Up to 475 hours for GSM (The above are subject to network and phone usage.)
Expansion Slot	microSD™ memory card (SD 2.0 compatible)
AC Adapter	Voltage range/frequency: 100 - 240V AC, 50/60 Hz DC output: 5V and 1A
Special Features	• G-Sensor • Straight Talk™ • Noise-cancelling dual microphones and speakers
Operating Temperature Range	• 32°F to 104°F (0°C to 40°C)

* HTC TV Out cable needed.

Note Specifications are subject to change without prior notice.

A.2 Regulatory Notices

Regulatory Agency Identifications

For regulatory identification purposes, your product is assigned a model number of **RHOD500**.

To ensure continued reliable and safe operation of your device, use only the accessories listed below with your **RHOD500**.

The Battery Pack has been assigned a model number of **RHOD160**.

Note   This product is intended for use with a certified Class 2 Limited Power Source, rated 5 Volts DC, maximum 1 Amp power supply unit.

Federal Communication Commission Interference Statement

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio or television technician for help.

FCC Caution: Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

IMPORTANT NOTE

Radiation Exposure Statement:

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. End users must follow the specific operating instructions for satisfying RF exposure compliance. To maintain compliance with FCC RF exposure compliance requirements, please follow operation instruction as documented in this manual.

This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter, except the transmitters built-in with the device.

FCC Hearing-Aid Compatibility (HAC) Regulations for Wireless Devices

On July 10, 2003, the U.S. Federal Communications Commission (FCC) Report and Order in WT Docket 01-309 modified the exception of wireless phones under the Hearing Aid Compatibility Act of 1988 (HAC Act) to require digital wireless phones be compatible with hearing-aids. The intent of the HAC Act is to ensure reasonable access to telecommunications services for persons with hearing disabilities. While some wireless phones are used near some hearing devices (hearing aids and cochlear implants), users may detect a buzzing, humming, or whining noise. Some hearing devices are more immune than others to this interference noise, and phones also vary in the amount of interference they generate. The wireless telephone industry has developed a rating system for wireless phones, to assist hearing device users find phones that may be compatible with their hearing devices. Not all phones have been rated. Phones that are rated have the rating on their box or a label located on the box. The ratings are not guarantees. Results will vary depending on the user's hearing device and hearing loss. If your hearing device happens to be vulnerable to interference, you may not be able to use a rated phone successfully. Trying out the phone with your hearing device is the best way to evaluate it for your personal needs.

M-Ratings: Phones rated M3 or M4 meet FCC requirements and are likely to generate less interference to hearing devices than phones that are not rated. M4 is the better/higher of the two ratings.

T-Ratings: Phones rated T3 or T4 meet FCC requirements and are likely to be more usable with a hearing aid's telecoil than phones that are not rated. T4 is the better/higher of the two ratings.

RHOD500 complies with the FCC's requirements for hearing aid compatibility when using the CDMA air interface. The M rating in this mode is M4 and the T rating in this mode is T3.

Your hearing device manufacturer or hearing health professional may help you find this rating. Higher ratings mean that the hearing device is relatively immune to interference noise. The hearing aid and wireless phone rating values are then added together. A sum of 5 is considered acceptable for normal use. A sum of 6 is considered for better use. A sum of 8 is considered for best use.

In the above example, if a hearing aid meets the M2 level rating and the wireless phone meets the M3 level rating, the sum of the two values equal M5. This should provide the hearing aid user with "normal usage" while using their hearing aid with the particular wireless phone. "Normal usage" in this context is defined as a signal quality that is acceptable for normal operation.
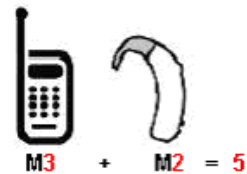
This methodology applies equally for T ratings. The M mark is intended to be synonymous with the U mark. The T mark is intended to be synonymous with the UT mark. The M and T marks are recommended by the Alliance for Telecommunications Industries Solutions (ATIS). The U and UT marks are referenced in Section 20.19 of the FCC Rules. The HAC rating and measurement procedure are described in the American National Standards Institute (ANSI) C63.19 standard.

For information about hearing aids and digital wireless phones

FCC Hearing Aid Compatibility and Volume Control:

http://www.fcc.gov/cgb/dro/hearing.html

Gallaudet University, RERC:

https://fjallfoss.fcc.gov/oetcf/eas/reports/GenericSearch.cfm

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RHOD500 has not been shown to comply with any hearing aid compatibility requirements when using the GSM air interface and is not configured to use the GSM air interface in the United States. Hearing aid or cochlear implant users should note this fact and consult the service provider about return and exchange policies should such operation prove to be unacceptable.

SAR Information

Head: 0.681 W/kg @10g (CE), 1.410 W/kg @1g (FCC)

Body: 0.430 W/kg @10g (CE), 0.589 W/kg @1g (FCC)

THIS MODEL DEVICE MEETS THE GOVERNMENT'S REQUIREMENTS FOR EXPOSURE TO RADIO WAVES. For body worn operation, this phone has been tested and meets the FCC RF exposure guidelines when used with the HTC Corporation. accessories supplied or designated for this product. Use of other accessories may not ensure compliance with the FCC RF exposure guidelines.

Your wireless mobile phone is a radio transmitter and receiver. It is designed and manufactured not to exceed the emission limits for exposure to radio frequency (RF) energy set by the Federal Communications Commission of the U.S. Government. These limits are part of comprehensive guidelines and establish permitted levels of RF energy for the general population. The guidelines are based on the safety standards previously set by both U.S. and international standards bodies:

- American National Standards Institute (ANSI) IEEE. C95.1-1992.
- National Council on Radiation Protection and Measurement (NCRP). Report 86. 1986.
- International Commission on Non-Ionizing Radiation Protection (ICNIRP) 1996.
- Ministry of Health (Canada), Safety Code 6. The standards include a substantial safety margin designed to assure the safety of all persons, regardless of age and health.

The exposure standard for wireless mobile phone employs a unit of measurement known as the Specific Absorption Rate, or SAR. The SAR limit set by the FCC is 1.6 W/kg*.

The FCC has granted an Equipment Authorization for this model device with all reported SAR levels evaluated as in compliance with the FCC RF exposure guidelines. SAR information on this model device is on file with the FCC and can be found under the Display Grant section of https://fjallfoss.fcc.gov/oetcf/eas/reports/GenericSearch.cfm after searching on FCC ID: NM8RHOD500. Additional information on Specific Absorption Rates (SAR) can be found on the Cellular Telecommunications & Internet Association (CTIA) Web-site as http://www.phonefacts.net.

* In the U.S. and Canada, the SAR limit for mobile phone used by the public is 1.6 Watts/kg (W/kg) averaged over one gram of tissue. The standard incorporates a substantial margin of safety to give additional protection for the public and to account for any variations in usage.

Normal condition only to ensure the radiative performance and safety of the interference. As with other mobile radio transmitting equipment, users are advised that for satisfactory operation of the equipment and for the safety of personnel, it is recommended that no part of the human body be allowed to come too close to the antenna during operation of the equipment.

Body-worn Operation

This device was tested for typical body-worn operations. To comply with RF exposure requirements, a minimum separation distance of 1.5 cm must be maintained between the user's body and the handset, including the antenna. Third-party belt-clips, holsters, and similar accessories used by this device should not contain any metallic components. Body-worn accessories that do not meet these requirements may not comply with RF exposure requirements and should be avoided.

Use only the supplied or an approved antenna. Unauthorized antennas, modifications, or attachments could impair call quality, damage the phone, or result in violation of regulations. Do not use the phone with a damaged antenna. If a damaged antenna comes into contact with the skin, a minor burn may result. Please contact your local dealer for replacement antenna.

Telecommunications & Internet Association (TIA) Safety Information

Pacemakers

The Health Industry Manufacturers Association recommends that a minimum separation of six inches be maintained between a handheld wireless phone and a pacemaker to avoid potential interference with the pacemaker. These recommendations are consistent with the independent research by and recommendations of Wireless Technology Research. Persons with pacemakers:

- Should ALWAYS keep the phone more than six inches from their pacemaker when the phone is turned ON.
- Should not carry the phone in a breast pocket.
- Should use the ear opposite the pacemaker to minimize the potential for interference. If you have any reason to suspect that interference is taking place, turn the phone OFF immediately.

Hearing Aids

Some digital wireless phones may interfere with some hearing aids. In the event of such interference, you may want to consult your service provider, or call the customer service line to discuss alternatives.

Other Medical Devices

If you use any other personal medical device, consult the manufacturer of your device to determine if they are adequately shielded from external RF energy. Your physician may be able to assist you in obtaining this information.

Turn the phone OFF in health care facilities when any regulations posted in these areas instruct you to do so. Hospitals or health care facilities may be using equipment that could be sensitive to external RF energy.

WEEE Notice

The Directive on Waste Electrical and Electronic Equipment (WEEE), which entered into force as European law on 13th February 2003, resulted in a major change in the treatment of electrical equipment at end-of-life.

The purpose of this Directive is, as a first priority, the prevention of WEEE, and in addition, to promote the reuse, recycling and other forms of recovery of such wastes so as to reduce disposal.

The WEEE logo (shown at the left) on the product or on its box indicates that this product must not be disposed of or dumped with your other household waste. You are liable to dispose of all your electronic or electrical waste equipment by relocating over to the specified collection point for recycling of such hazardous waste. Isolated collection and proper recovery of your electronic and electrical waste equipment at the time of disposal will allow us to help conserving natural resources. Moreover, proper recycling of the electronic and electrical waste equipment will ensure safety of human health and environment. For more information about electronic and electrical waste equipment disposal, recovery, and collection points, please contact your local city center, household waste disposal service, shop from where you purchased the equipment, or manufacturer of the equipment.

RoHS Compliance

This product is in compliance with Directive 2002/95/EC of the European Parliament and of the Council of 27 January 2003, on the restriction of the use of certain hazardous substances in electrical and electronic equipment (RoHS) and its amendments.

A.3 Additional Safety Information

This section provides more safety information in addition to the information at the beginning of the user manual.

When Driving

Do Not Use The PC Functions Of Your Pocket PC While Driving Or Walking

Never use the personal computer functions of your device while driving an automobile or any other moving vehicle. Always pull out of traffic and come to a stop in a legally permissible and safe location before using your device. Failure to do so could result in serious bodily injury in a traffic accident.

When driving:

- Always secure your device in its leather pouch.
- Never place your device on the passenger seat or anyplace else in the car where it can become a projectile during a collision or stop.
- An air bag inflates with great force. DO NOT place objects, including either installed or portable wireless equipment, in the area over the air bag or in the air bag deployment area. If in-vehicle wireless equipment is improperly installed and the air bag inflates, serious injury could result.

Never store or transport flammable liquids, gases or explosive materials in the same compartment of your automobile as the device or any of its accessories, as possible sparking in the device could cause ignition or explosion.

Never use your device while walking. Usage while walking could result in bodily injury caused by inattention to automobile traffic or other pedestrian hazards.

Using The Phone Function Of Your Pocket PC While Driving Is Extremely Dangerous

Talking on or using your device while driving is extremely dangerous and is illegal in some states. Remember, safety comes first. Check the laws and regulations on the use of phones in the areas where you drive. Always obey them.

If you must use the phone function while driving, please:

- Give full attention to driving. Driving safely is your first responsibility.
- Use hands-free operation and/or one-touch, speed dialing, and auto answer modes.
- Pull off the road and park before making or answering a call.

WARNING!   Failure to follow these instructions could lead to serious personal injury and possible property damage.

When Using Your Device Near Other Electronic Devices

Your wireless handheld portable device is a low power radio transmitter and receiver. When it is ON, it receives and also sends out radio frequency (RF) signals.

Most modern electronic equipment is shielded from RF energy. However, certain electronic equipment may not be shielded against the RF signals from your wireless device; therefore, use of your device must be restricted in certain situations.

In addition, the computer portion of your device produces low levels of RF energy due to the generation of digital timing pulses by its clock oscillator circuits. Your device has been equipped with internal shielding to minimize stray emissions of RF energy. However, use of the computer functions of your device must be restricted in certain situations.

PACEMAKERS

The Health Industry Manufacturers Association recommends that a minimum separation of six (6") inches be maintained between a handheld wireless phone and a pacemaker to avoid potential interference with the pacemaker. These recommendations are consistent with the independent research by and recommendations of Wireless Technology Research.

Never come closer than six (6) inches to a person with a heart pacemaker implant when using your device. Doing so could result in interference with the function of the pacemaker.

Persons with pacemakers:

- Should ALWAYS keep the phone more than six inches from their pacemaker when the phone is turned ON.
- Should not carry the phone in a breast pocket.
- Should use the ear opposite the pacemaker to minimize the potential for interference.

  Note   This is not necessary if the device is not held to the ear.

- If you have any reason to suspect that interference is taking place, turn the phone OFF immediately.

HEARING AIDS

Some digital wireless phones may interfere with some hearing aids. In the event of such interference, you may want to consult your service provider, or call the customer service line to discuss alternatives.

For more regulatory information about hearing devices, see "FCC Hearing-Aid Compatibility (HAC) Regulations for Wireless Devices".

OTHER MEDICAL DEVICES

If you use any other personal medical device, consult the manufacturer of your device to determine if it is adequately shielded from external RF energy. Your physician may be able to assist you in obtaining this information.

HOSPITALS AND HEALTH CARE FACILITIES

Turn your device OFF in health care facilities when any regulations posted in these areas instruct you to do so. Hospitals or health care facilities may be using equipment that could be sensitive to external RF energy.

ELECTRONIC DEVICES IN VEHICLES

RF signals may affect improperly installed or inadequately shielded electronic systems in motor vehicles. Check with the manufacturer or its representative regarding your vehicle. You should also consult the manufacturer of any equipment that has been added to your vehicle.

POSTED FACILITIES

Turn your device OFF where posted notices so require.

Turn Off Your Device Before Flying

AIRCRAFT

FCC regulations prohibit using the transmitting and phone functions of your device while in the air. In addition, most airline regulations prohibit the on-board use of portable PCs (and all other portable electronic devices that could potentially emit stray RF energy), particularly during take-offs and landings, to prevent any possible interference with the reception of signals by airborne electronic navigational devices.

Turn your device OFF before boarding an aircraft. Always request and obtain prior consent and approval of an authorized airline representative before using your device aboard an aircraft. Always follow the instructions of the airline representative whenever using your device aboard an aircraft, to prevent any possible interference with airborne electronic equipment.

Turn Off Your Device in Dangerous Areas

BLASTING AREAS

To avoid interfering with blasting operations, turn your device OFF when in a "blasting area" or in areas posted "Turn off two-way radio". Obey all signs and instructions.

POTENTIALLY EXPLOSIVE ATMOSPHERES

Turn your device OFF when in any area with a potentially explosive atmosphere and obey all signs and instructions. Sparks in such areas could cause an explosion or fire resulting in bodily injury or even death.

Areas with a potentially explosive atmosphere are often, but not always, clearly marked. They include fueling areas such as gas stations; below deck on boats; fuel or chemical transfer or storage facilities; vehicles using liquefied petroleum gas (such as propane or butane); areas where the air contains chemicals or articles, such as grain, dust, or metal powders; and any other area where you would normally be advised to turn off your vehicle's engine.

General Safety

Your pocket PC is a high quality piece of equipment. Before operating, read all instructions and cautionary markings on the product, battery and adapter/charger.

Failure to follow the directions below could result in serious bodily injury and/or property damage due to battery liquid leakage, fire or rupture.

DO NOT use or store this equipment in a place where it will be exposed to high temperatures, such as near an open flame or heat-emitting equipment.

DO NOT drop your device or subject it to severe shock. When not using, lay down the unit to avoid possible damage due to instability.

DO NOT expose this equipment to rain or spilled beverages.

DO NOT use unauthorized accessories.

DO NOT disassemble the device or its accessories. If service or repair is required, return unit to an authorized cellular service center. If the unit is disassembled, the risk of electric shock or fire may result.

Never allow metallic objects, such as staples and paper clips, to get into the inside of your device.

Never touch the liquid that might leak from a broken liquid crystal display. Contact with this liquid could cause a skin rash. If the crystal display liquid should come into contact with the skin or clothing, wash it immediately with clean water.

In the event that the device emits an unusual odor or sound or generates smoke, immediately disconnect the AC adapter from the power outlet, then detach the battery.

Antenna Safety

Use only the supplied or an approved replacement antenna. Unauthorized antennas, modifications, or attachments could impair call quality, damage your device, or result in violation of FCC regulations. Please contact your local dealer for replacement antenna.

Do not use the device with a damaged antenna. If a damaged antenna comes into contact with the skin, a minor burn may result. Please contact your local dealer for replacement antenna.

Battery Safety

Your device uses a removable and rechargeable lithium ion battery. Please contact customer service for assistance should you need a replacement battery.

DOs

- Only use the battery and charger approved by the manufacturer.
- Only use the battery for its original purpose.
- Try to keep batteries in a temperature between 41°F (5°C) and 95°F (35°C).
- If the battery is stored in temperatures above or below the recommended range, give it time to warm up or cool down before using.
- Completely drain the battery before recharging. It may take one to four days to completely drain.
- Store the discharged battery in a cool, dark, and dry place.
- Purchase a new battery when its operating time gradually decreases after fully charging.
- Properly dispose of the battery according to local regulations.

DON'Ts

- Don't attempt to disassemble the battery – it is a sealed unit with no serviceable parts.
- Don't expose the battery terminals to any other metal object (e.g., by carrying it in your pocket or purse with other metallic objects such as coins, clips and pens). This can short circuit and critically damage the battery.
- Don't leave the battery in hot or cold temps. Otherwise, it could significantly reduce the capacity and lifetime of the battery.
- Don't dispose of the battery into a fire.

Lithium ion batteries are recyclable. When you replace the removable battery, please request the repair center to recycle the battery in accordance with RBRC standards. When disposing of the battery by yourself, please call RBRC at (800) 822-8837 for proper disposal tips.

Never touch any fluid that might leak from the built-in battery. Such liquid when in contact with the eyes or skin, could cause injury to the skin or eyes. Should the liquid come into contact with the eyes, irrigate the eyes thoroughly with clean water and immediately seek medical attention. In the event the liquid comes into contact with the skin or clothing, wash it away immediately with clean water.

Adapter/Charger

Use the Correct External Power Source

A product should be operated only from the type of power source indicated on the electrical ratings label. If you are not sure of the type of power source required, consult your authorized service provider or local power company. For a product that operates from battery power or other sources, refer to the operating instructions that are included with the product.

The AC Adapter/Charger designed for this unit requires the use of a standard 120 V AC power source for device operation.

Never attempt to disassemble or repair an AC adapter/charger. Never use an AC adapter/charger if it has a damaged or worn power cord or plug. Always contact an authorized service center, if repair or replacement is required.

Never alter the AC cord or plug on an AC adapter/charger. If the plug will not fit into the available outlet, have a proper outlet installed by a qualified electrician.

Never allow any liquids or water to spill on an AC adapter/charger when it is connected to an AC power source.

Always use the authorized AC adapter/charger to avoid any risk of bodily injury or damage to your cellular phone or battery.

Never attempt to connect or disconnect the AC adapter/charger with wet hands. Always unplug the AC adapter/charger from the power source before attempting any cleaning. Always use a soft cloth dampened with water to clean the equipment, after it has been unplugged.

Handling the cord on this product or cords associated with accessories sold with this product, will expose you to lead, a chemical known to the State of California to cause birth defects or other reproductive harm. Wash hands after handling.

Always disconnect the travel charger or desktop charger from the power source when it is not in use.

Index

A
A2DP 111
ActiveSync
  - ActiveSync mode 26
  - set up 73
  - synchronize with computer 73
  - synchronize with Exchange Server 87
Add and remove programs 131
Airplane Mode 41, 143
Alarm Clock 46
Album 123
Attachment
  - add to e-mail 82
  - automatically receive attachments 85
  - download 83
Audio Booster 128
Auto Volume Control 140

B
Back cover
  - remove 18
Backlight 142
Basic settings 142
Battery
  - battery time 149
  - charge battery 19
  - install 18
  - remove 18
Bluetooth
  - about 109
  - hands-free headset 111
  - modes 109
  - partnership (pairing) 110
  - print 113
  - send and receive information 112
  - stereo headset 111
  - synchronize 74
  - turn on and off 143
  - visible 109
Browser tab (Home screen) 57

C
Call History 31
Calling
  - from e-mail message 32
  - from meeting request or reminder 33
  - from text message 32
Camera
  - about 119
  - advanced options 122
  - capture modes 119
  - icons 120

  - Menu Panel 121
  - zooming 121
Clear Storage 146
Clock & Alarms 140
Comm Manager 141, 143
Company Directory 90
Conference call 32
Connect device to Internet
  - Dial-up 93
  - GPRS/3G 93
  - Wi-Fi 91
Contacts 49, 132
Contacts Picture capture mode 119
Copy
  - contacts to SIM card 37
  - copy and manage files 139
  - media files from PC to device 126
  - SIM contacts to device 37

D
Device name 142
Dial-up 93
Direct Push 88, 143
Disconnect data connection 143
Disk Drive mode 26
Download
  - download complete e-mail 83
  - e-mail download settings 82, 85
  - file attachments 83
  - location data 116
  - synchronize e-mail 84
  - web feeds 101

E
E-mail
  - Email tab (Home screen) 53
  - Internet e-mail account (POP3/IMAP4) 81
  - mail server settings 82
  - settings (POP3/IMAP4) 82
  - synchronize 71, 84, 87
Email tab (Home screen) 53
Emergency call 28
Emoticon
  - MMS 79
Entering Information
  - On-screen 66
  - QWERTY keyboard 65
Excel Mobile 136
Exchange Server 87

F
Facebook updates and events 51
Favorite contacts 47